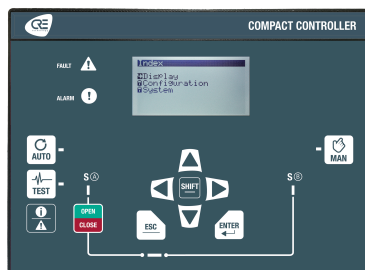




# MODBUS TABLE

## BTB COMPACT



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# TABLE OF CONTENTS

MODBUS TCP/IP.....	36
VARIABLES.....	39
<b>Commands</b> .....	<b>39</b>
Horn [4663] .....	39
Breaker closure [4675] .....	39
Breaker opening [4677] .....	39
Faults reset [4737] .....	40
<b>Source A</b> .....	<b>40</b>
SA V1 [50] .....	40
SA V2 [51] .....	40
SA V3 [52] .....	40
SA U31 [53] .....	41
SA U23 [54] .....	41
SA U12 [55] .....	41
SA U31 [56] .....	41
SA U23 [57] .....	42
SA U12 [58] .....	42
SA cos( $\varphi$ ) [74] .....	42
SA frequency [75] .....	42
SA frequency (%) [76] .....	43
Voltage diff. [300] .....	43
Freq. diff. [301] .....	43
Phase diff. [302] .....	43
Phase Sequence (0 = indirect, 1=direct, 2=Error, 3=No Signal) [304] .....	44
SA total P [369] .....	44
SA total Q [370] .....	44
Fail to close breaker [4154] .....	44
Fail to open breaker [4155] .....	45
Breaker open suddenly [4156] .....	45
Breaker close suddenly [4170] .....	45
Breaker state [4650] .....	46
<b>Source B</b> .....	<b>46</b>
SB V1 [100] .....	46
SB V2 [101] .....	46
SB V3 [102] .....	47
SB U31 [103] .....	47
SB U23 [104] .....	47
SB U12 [105] .....	47
SB U31 [106] .....	48
SB U23 [107] .....	48

## MODBUS TABLE

SB U12 [108] .....	48
SB cos( $\varphi$ ) [114] .....	48
SB frequency [118] .....	49
SB frequency (%) [119] .....	49
SB active power (%) [131] .....	49
SB reactive power (%) [132] .....	49
SB total P [140] .....	50
SB total Q [141] .....	50
Phase Sequence (0 = indirect, 1=direct, 2=Error, 3=No Signal) [305] .....	50
<b>Inputs/outputs .....</b>	<b>51</b>
Analog 1 (Customisable) [150] .....	51
Analog 2 (Customisable) [151] .....	51
Analog 3 (Customisable) [152] .....	51
Battery voltage [204] .....	52
Input 1 (Customisable) [250] .....	52
Input 2 (Customisable) [251] .....	53
Input 3 (Customisable) [252] .....	53
Input 4 (Customisable) [253] .....	54
Input 5 (Customisable) [254] .....	54
Input 6 (Customisable) [255] .....	55
Input 7 (Customisable) [256] .....	55
Input 8 (Customisable) [257] .....	56
Input 9 (Customisable) [258] .....	56
Analog 1 (Customisable) [259] .....	57
Analog 2 (Customisable) [260] .....	57
Analog 3 (Customisable) [261] .....	57
Output 1 (Customisable) [4350] .....	57
Output 2 (Customisable) [4351] .....	58
Output 3 (Customisable) [4352] .....	58
Output 4 (Customisable) [4353] .....	58
Output 5 (Customisable) [4354] .....	58
Output 6 (Customisable) [4355] .....	59
Relay 1 (Customisable) [4356] .....	59
Relay 2 (Customisable) [4357] .....	59
<b>I/O CAN bus expansion .....</b>	<b>59</b>
CANopen DI 1 (Customisable) [800] .....	59
CANopen DI 2 (Customisable) [801] .....	60
CANopen DI 3 (Customisable) [802] .....	60
CANopen DI 4 (Customisable) [803] .....	60
CANopen DI 5 (Customisable) [804] .....	60
CANopen DI 6 (Customisable) [805] .....	61
CANopen DI 7 (Customisable) [806] .....	61
CANopen DI 8 (Customisable) [807] .....	61

## MODBUS TABLE

CANopen DI 9 (Customisable) [808]	61
CANopen DI 10 (Customisable) [809]	62
CANopen DI 11 (Customisable) [810]	62
CANopen DI 12 (Customisable) [811]	62
CANopen DI 13 (Customisable) [812]	62
CANopen DI 14 (Customisable) [813]	63
CANopen DI 15 (Customisable) [814]	63
CANopen DI 16 (Customisable) [815]	63
CANopen DI 17 (Customisable) [816]	63
CANopen DI 18 (Customisable) [817]	64
CANopen DI 19 (Customisable) [818]	64
CANopen DI 20 (Customisable) [819]	64
CANopen DI 21 (Customisable) [820]	64
CANopen DI 22 (Customisable) [821]	65
CANopen DI 23 (Customisable) [822]	65
CANopen DI 24 (Customisable) [823]	65
CANopen DI 25 (Customisable) [824]	65
CANopen DI 26 (Customisable) [825]	66
CANopen DI 27 (Customisable) [826]	66
CANopen DI 28 (Customisable) [827]	66
CANopen DI 29 (Customisable) [828]	66
CANopen DI 30 (Customisable) [829]	67
CANopen DI 31 (Customisable) [830]	67
CANopen DI 32 (Customisable) [831]	67
CANopen AI 1 (Customisable) [1050]	67
CANopen AI 2 (Customisable) [1051]	68
CANopen AI 3 (Customisable) [1052]	68
CANopen AI 4 (Customisable) [1053]	68
CANopen AI 5 (Customisable) [1054]	68
CANopen AI 6 (Customisable) [1055]	69
CANopen AI 7 (Customisable) [1056]	69
CANopen AI 8 (Customisable) [1057]	69
CANopen AI 9 (Customisable) [1058]	69
CANopen AI 10 (Customisable) [1059]	70
CANopen AI 11 (Customisable) [1060]	70
CANopen AI 12 (Customisable) [1061]	70
CANopen AI 13 (Customisable) [1062]	70
CANopen AI 14 (Customisable) [1063]	71
CANopen AI 15 (Customisable) [1064]	71
CANopen AI 16 (Customisable) [1065]	71
CANopen DI 33 (Customisable) [1250]	71
CANopen DI 34 (Customisable) [1251]	72
CANopen DI 35 (Customisable) [1252]	72



## MODBUS TABLE

CANopen DI 36 (Customisable) [1253]	72
CANopen DI 37 (Customisable) [1254]	72
CANopen DI 38 (Customisable) [1255]	73
CANopen DI 39 (Customisable) [1256]	73
CANopen DI 40 (Customisable) [1257]	73
CANopen DI 41 (Customisable) [1258]	73
CANopen DI 42 (Customisable) [1259]	74
CANopen DI 43 (Customisable) [1260]	74
CANopen DI 44 (Customisable) [1261]	74
CANopen DI 45 (Customisable) [1262]	74
CANopen DI 46 (Customisable) [1263]	75
CANopen DI 47 (Customisable) [1264]	75
CANopen DI 48 (Customisable) [1265]	75
CANopen DI 49 (Customisable) [1266]	75
CANopen DI 50 (Customisable) [1267]	76
CANopen DI 51 (Customisable) [1268]	76
CANopen DI 52 (Customisable) [1269]	76
CANopen DI 53 (Customisable) [1270]	76
CANopen DI 54 (Customisable) [1271]	77
CANopen DI 55 (Customisable) [1272]	77
CANopen DI 56 (Customisable) [1273]	77
CANopen DI 57 (Customisable) [1274]	77
CANopen DI 58 (Customisable) [1275]	78
CANopen DI 59 (Customisable) [1276]	78
CANopen DI 60 (Customisable) [1277]	78
CANopen DI 61 (Customisable) [1278]	78
CANopen DI 62 (Customisable) [1279]	79
CANopen DI 63 (Customisable) [1280]	79
CANopen DI 64 (Customisable) [1281]	79
CANopen DO 1 (Customisable) [4751]	79
CANopen DO 2 (Customisable) [4752]	80
CANopen DO 3 (Customisable) [4753]	80
CANopen DO 4 (Customisable) [4754]	80
CANopen DO 5 (Customisable) [4755]	80
CANopen DO 6 (Customisable) [4756]	81
CANopen DO 7 (Customisable) [4757]	81
CANopen DO 8 (Customisable) [4758]	81
CANopen DO 9 (Customisable) [4759]	81
CANopen DO 10 (Customisable) [4760]	82
CANopen DO 11 (Customisable) [4761]	82
CANopen DO 12 (Customisable) [4762]	82
CANopen DO 13 (Customisable) [4763]	82
CANopen DO 14 (Customisable) [4764]	83

## MODBUS TABLE

CANopen DO 15 (Customisable) [4765] .....	83
CANopen DO 16 (Customisable) [4766] .....	83
CANopen DO 17 (Customisable) [4767] .....	83
CANopen DO 18 (Customisable) [4768] .....	84
CANopen DO 19 (Customisable) [4769] .....	84
CANopen DO 20 (Customisable) [4770] .....	84
CANopen DO 21 (Customisable) [4771] .....	84
CANopen DO 22 (Customisable) [4772] .....	85
CANopen DO 23 (Customisable) [4773] .....	85
CANopen DO 24 (Customisable) [4774] .....	85
CANopen DO 25 (Customisable) [4775] .....	85
CANopen DO 26 (Customisable) [4776] .....	86
CANopen DO 27 (Customisable) [4777] .....	86
CANopen DO 28 (Customisable) [4778] .....	86
CANopen DO 29 (Customisable) [4779] .....	86
CANopen DO 30 (Customisable) [4780] .....	87
CANopen DO 31 (Customisable) [4781] .....	87
CANopen DO 32 (Customisable) [4782] .....	87
CANopen DO 33 (Customisable) [5100] .....	87
CANopen DO 34 (Customisable) [5101] .....	88
CANopen DO 35 (Customisable) [5102] .....	88
CANopen DO 36 (Customisable) [5103] .....	88
CANopen DO 37 (Customisable) [5104] .....	88
CANopen DO 38 (Customisable) [5105] .....	89
CANopen DO 39 (Customisable) [5106] .....	89
CANopen DO 40 (Customisable) [5107] .....	89
CANopen DO 41 (Customisable) [5108] .....	89
CANopen DO 42 (Customisable) [5109] .....	90
CANopen DO 43 (Customisable) [5110] .....	90
CANopen DO 44 (Customisable) [5111] .....	90
CANopen DO 45 (Customisable) [5112] .....	90
CANopen DO 46 (Customisable) [5113] .....	91
CANopen DO 47 (Customisable) [5114] .....	91
CANopen DO 48 (Customisable) [5115] .....	91
CANopen DO 49 (Customisable) [5116] .....	91
CANopen DO 50 (Customisable) [5117] .....	92
CANopen DO 51 (Customisable) [5118] .....	92
CANopen DO 52 (Customisable) [5119] .....	92
CANopen DO 53 (Customisable) [5120] .....	92
CANopen DO 54 (Customisable) [5121] .....	93
CANopen DO 55 (Customisable) [5122] .....	93
CANopen DO 56 (Customisable) [5123] .....	93
CANopen DO 57 (Customisable) [5124] .....	93

## MODBUS TABLE

CANopen DO 58 (Customisable) [5125] .....	94
CANopen DO 59 (Customisable) [5126] .....	94
CANopen DO 60 (Customisable) [5127] .....	94
CANopen DO 61 (Customisable) [5128] .....	94
CANopen DO 62 (Customisable) [5129] .....	95
CANopen DO 63 (Customisable) [5130] .....	95
CANopen DO 64 (Customisable) [5131] .....	95
<b>Power Plant .....</b>	<b>95</b>
Total generator kW on my segment [25] .....	95
Total generator kVAR on my segment [26] .....	96
Global generators cos( $\varphi$ ) on my segment [27] .....	96
Total mains kW on my segment [28] .....	96
Total mains kVAR on my segment [29] .....	96
Global mains cos( $\varphi$ ) on my segment [30] .....	97
Total renewable energies kW on my segment [31] .....	97
Total renewable energies kVAR on my segment [32] .....	97
Global renewable energies cos( $\varphi$ ) on my segment [33] .....	97
Total battery inverters kW on my segment [34] .....	98
Total battery inverters kVAR on my segment [35] .....	98
Global battery inverters cos( $\varphi$ ) on my segment [36] .....	98
Load kW on my segment [37] .....	98
Load kVAR on my segment [38] .....	99
Load power factor on my segment [39] .....	99
Number of generator on bus [568] .....	99
Actual segment [4030] .....	99
Mains presence on the driven segment [4032] .....	100
Reverse synchronization direction [4052] .....	100
<b>Source A protections .....</b>	<b>100</b>
Fail to synchronize [4051] .....	100
<b>Communication .....</b>	<b>101</b>
Controller communication fault [600] .....	101
Missing GENSYS COMPACT PRIME [605] .....	101
Missing MASTER COMPACT or BTB COMPACT [608] .....	101
Missing HYBRID COMPACT [612] .....	102
Missing BAT COMPACT [613] .....	102
CANopen fault [4750] .....	102
<b>System .....</b>	<b>103</b>
Day of the week [10] .....	103
Day [11] .....	103
Month [12] .....	103
Year [13] .....	104
Hours [14] .....	104
Minutes [15] .....	104

## MODBUS TABLE

Seconds [16] .....	104
100ms [17] .....	105
Load uC [18] .....	105
Overload uC [19] .....	105
State [4000] .....	105
Internal timer test [4025] .....	106
Easyflex warning [4213] .....	106
Easyflex error code [4214] .....	106
<b>Statuses .....</b>	<b>106</b>
Phase sequence match [306] .....	106
Voltage match [307] .....	107
Frequency match [308] .....	107
Phase match [309] .....	107
Synch check relay OK [310] .....	107
Close breaker request [4007] .....	108
Mode : 0=Manu / 1=Test / 2=Auto [4008] .....	108
Electrical faults summary [4656] .....	108
Alarms summary [4658] .....	108
Soft shut down summary [4659] .....	109
Default LED [4664] .....	109
Alarm LED [4665] .....	109
Auto mode LED [4666] .....	109
Test mode LED [4667] .....	110
Manu mode LED [4668] .....	110
Source A LED [4669] .....	110
Protection validation [4681] .....	110
Breaker LED [4734] .....	111
Source B LED [4736] .....	111
<b>Hysteresis .....</b>	<b>111</b>
Hysteresis 1 output [4710] .....	111
Hysteresis 2 output [4711] .....	112
Hysteresis 3 output [4712] .....	112
Hysteresis output activation on DI1 [4713] .....	112
Hysteresis output activation on DI2 [4714] .....	113
Hysteresis output activation on DI3 [4715] .....	113
Hysteresis output activation on DI4 [4716] .....	113
Hysteresis output activation on DI5 [4717] .....	114
Hysteresis output activation on DI6 [4718] .....	114
Hysteresis output activation on DI7 [4719] .....	114
Hysteresis output activation on DI8 [4720] .....	115
<b>PARAMETERS.....</b>	<b>116</b>
<b>Source A .....</b>	<b>116</b>

## MODBUS TABLE

PT ratio [2100] .....	116
Nominal voltage [2102] .....	116
Nominal active power [2111] .....	116
Nominal reactive power [2112] .....	117
Nominal frequency [2153] .....	117
Generator circuit breaker control type [2300] .....	117
Generator breaker control pulse length [2301] .....	118
Undervoltage coil deenergized time [2302] .....	118
Undervoltage coil security timer [2303] .....	118
Voltage acceptance [2800] .....	119
Frequency acceptance [2801] .....	119
Phase Angle acceptance [2802] .....	119
Fail to synchronize timer [2803] .....	120
Action on fail to synchronize [2804] .....	120
Synchronization back timer [2806] .....	120
Synchronization Back attempts number [2807] .....	121
C2S dwell time [2809] .....	121
Phase offset [2812] .....	121
Gain Synch [2904] .....	122
Proport. Synch [2905] .....	122
Integral Synch [2906] .....	123
Derivate Synch [2907] .....	124
<b>Source B .....</b>	<b>124</b>
PT ratio [2150] .....	124
Nominal voltage [2152] .....	125
Nominal active power [2157] .....	125
Nominal reactive power [2158] .....	125
<b>Inputs/outputs .....</b>	<b>126</b>
Validity on analog input 1 [2681] .....	126
Validity on analog input 2 [2682] .....	126
Validity on analog input 3 [2683] .....	126
Polarity NO/NC on AI 1 [2684] .....	127
Polarity NO/NC on AI 2 [2685] .....	127
Polarity NO/NC on AI 3 [2686] .....	127
Delay on AI activation 1 [2687] .....	128
Delay on AI activation 2 [2688] .....	128
Delay on AI activation 3 [2689] .....	128
Timer ON Digital Input 1 [2709] .....	128
Timer ON Digital Input 2 [2710] .....	129
Timer ON Digital Input 3 [2711] .....	129
Timer ON Digital Input 4 [2712] .....	129
Timer ON Digital Input 5 [2713] .....	129
Timer ON Digital Input 6 [2714] .....	130

## MODBUS TABLE

Timer ON Digital Input 7 [2715] .....	130
Timer ON Digital Input 8 [2716] .....	130
Timer ON Digital Input 9 [2717] .....	130
Timer OFF Digital Input 1 [2718] .....	131
Timer OFF Digital Input 2 [2719] .....	131
Timer OFF Digital Input 3 [2720] .....	131
Timer OFF Digital Input 4 [2721] .....	131
Timer OFF Digital Input 5 [2722] .....	132
Timer OFF Digital Input 6 [2723] .....	132
Timer OFF Digital Input 7 [2724] .....	132
Timer OFF Digital Input 8 [2725] .....	132
Timer OFF Digital Input 9 [2726] .....	133
Validity on digital input 1 [2727] .....	133
Validity on digital input 2 [2728] .....	133
Validity on digital input 3 [2729] .....	134
Validity on digital input 4 [2730] .....	134
Validity on digital input 5 [2731] .....	134
Validity on digital input 6 [2732] .....	135
Validity on digital input 7 [2733] .....	135
Validity on digital input 8 [2734] .....	135
Validity on digital input 9 [2735] .....	136
Polarity NO/NC on DI 1 [2736] .....	136
Polarity NO/NC on DI 2 [2737] .....	136
Polarity NO/NC on DI 3 [2738] .....	136
Polarity NO/NC on DI 4 [2739] .....	137
Polarity NO/NC on DI 5 [2740] .....	137
Polarity NO/NC on DI 6 [2741] .....	137
Polarity NO/NC on DI 7 [2742] .....	137
Polarity NO/NC on DI 8 [2743] .....	138
Polarity NO/NC on DI 9 [2744] .....	138
Polarity NE/ND DO 1 [2751] .....	138
Polarity NE/ND DO 2 [2752] .....	138
Polarity NE/ND DO 3 [2753] .....	139
Polarity NE/ND DO 4 [2754] .....	139
Polarity NE/ND DO 5 [2755] .....	139
Polarity NE/ND DO 6 [2756] .....	139
Direction NO/NC Relay 1 [2759] .....	140
Direction NO/NC Relay 2 [2760] .....	140
Pulse length DO 1 [2761] .....	140
Pulse length DO 2 [2762] .....	140
Pulse length DO 3 [2763] .....	141
Pulse length DO 4 [2764] .....	141
Pulse length DO 5 [2765] .....	141

## MODBUS TABLE

Pulse length DO 6 [2766] .....	141
Pulse length R 1 [2767] .....	142
Pulse length R 2 [2768] .....	142
Activation delay DO 01 [2793] .....	142
Activation delay DO 02 [2794] .....	142
Activation delay DO 03 [2795] .....	143
Activation delay DO 04 [2796] .....	143
Activation delay DO 05 [2797] .....	143
Activation delay DO 06 [2798] .....	143
Activation delay relay 1 [8250] .....	144
Activation delay relay 2 [8251] .....	144
<b>I/O CAN bus expansion .....</b>	<b>144</b>
CANopenTM I1 [3232] .....	144
CANopenTM I2 [3233] .....	145
CANopenTM I3 [3234] .....	145
CANopenTM I4 [3235] .....	145
CANopenTM I5 [3236] .....	146
CANopenTM I6 [3237] .....	146
CANopenTM I7 [3238] .....	146
CANopenTM I8 [3239] .....	147
CANopenTM I9 [3240] .....	147
CANopenTM I10 [3241] .....	147
CANopenTM I11 [3242] .....	148
CANopenTM I12 [3243] .....	148
CANopenTM I13 [3244] .....	148
CANopenTM I14 [3245] .....	149
CANopenTM I15 [3246] .....	149
CANopenTM I16 [3247] .....	149
CANopenTM I17 [3248] .....	150
CANopenTM I18 [3249] .....	150
CANopenTM I19 [3250] .....	150
CANopenTM I20 [3251] .....	151
CANopenTM I21 [3252] .....	151
CANopenTM I22 [3253] .....	151
CANopenTM I23 [3254] .....	152
CANopenTM I24 [3255] .....	152
CANopenTM I25 [3256] .....	152
CANopenTM I26 [3257] .....	153
CANopenTM I27 [3258] .....	153
CANopenTM I28 [3259] .....	153
CANopenTM I29 [3260] .....	154
CANopenTM I30 [3261] .....	154
CANopenTM I31 [3262] .....	154

## MODBUS TABLE

CANopenTM I32 [3263] .....	155
Validity on CANopen digital input 1 [3264] .....	155
Validity on CANopen digital input 2 [3265] .....	155
Validity on CANopen digital input 3 [3266] .....	155
Validity on CANopen digital input 4 [3267] .....	156
Validity on CANopen digital input 5 [3268] .....	156
Validity on CANopen digital input 6 [3269] .....	156
Validity on CANopen digital input 7 [3270] .....	156
Validity on CANopen digital input 8 [3271] .....	157
Validity on CANopen digital input 9 [3272] .....	157
Validity on CANopen digital input 10 [3273] .....	157
Validity on CANopen digital input 11 [3274] .....	157
Validity on CANopen digital input 12 [3275] .....	158
Validity on CANopen digital input 13 [3276] .....	158
Validity on CANopen digital input 14 [3277] .....	158
Validity on CANopen digital input 15 [3278] .....	158
Validity on CANopen digital input 16 [3279] .....	159
Validity on CANopen digital input 17 [3280] .....	159
Validity on CANopen digital input 18 [3281] .....	159
Validity on CANopen digital input 19 [3282] .....	159
Validity on CANopen digital input 20 [3283] .....	160
Validity on CANopen digital input 21 [3284] .....	160
Validity on CANopen digital input 22 [3285] .....	160
Validity on CANopen digital input 23 [3286] .....	160
Validity on CANopen digital input 24 [3287] .....	161
Validity on CANopen digital input 25 [3288] .....	161
Validity on CANopen digital input 26 [3289] .....	161
Validity on CANopen digital input 27 [3290] .....	161
Validity on CANopen digital input 28 [3291] .....	162
Validity on CANopen digital input 29 [3292] .....	162
Validity on CANopen digital input 30 [3293] .....	162
Validity on CANopen digital input 31 [3294] .....	162
Validity on CANopen digital input 32 [3295] .....	163
CANopenDir I1 [3296] .....	163
CANopenDir I2 [3297] .....	163
CANopenDir I3 [3298] .....	163
CANopenDir I4 [3299] .....	164
CANopenDir I5 [3300] .....	164
CANopenDir I6 [3301] .....	164
CANopenDir I7 [3302] .....	164
CANopenDir I8 [3303] .....	165
CANopenDir I9 [3304] .....	165
CANopenDir I10 [3305] .....	165



## MODBUS TABLE

CANopenDir I11 [3306] .....	165
CANopenDir I12 [3307] .....	166
CANopenDir I13 [3308] .....	166
CANopenDir I14 [3309] .....	166
CANopenDir I15 [3310] .....	166
CANopenDir I16 [3311] .....	167
CANopenDir I17 [3312] .....	167
CANopenDir I18 [3313] .....	167
CANopenDir I19 [3314] .....	167
CANopenDir I20 [3315] .....	168
CANopenDir I21 [3316] .....	168
CANopenDir I22 [3317] .....	168
CANopenDir I23 [3318] .....	168
CANopenDir I24 [3319] .....	169
CANopenDir I25 [3320] .....	169
CANopenDir I26 [3321] .....	169
CANopenDir I27 [3322] .....	169
CANopenDir I28 [3323] .....	170
CANopenDir I29 [3324] .....	170
CANopenDir I30 [3325] .....	170
CANopenDir I31 [3326] .....	170
CANopenDir I32 [3327] .....	171
CANopenModeO1 [3382] .....	171
CANopenModeO2 [3383] .....	171
CANopenModeO3 [3384] .....	171
CANopenModeO4 [3385] .....	172
CANopenModeO5 [3386] .....	172
CANopenModeO6 [3387] .....	172
CANopenModeO7 [3388] .....	172
CANopenModeO8 [3389] .....	173
CANopenModeO9 [3390] .....	173
CANopenModeO10 [3391] .....	173
CANopenModeO11 [3392] .....	173
CANopenModeO12 [3393] .....	174
CANopenModeO13 [3394] .....	174
CANopenModeO14 [3395] .....	174
CANopenModeO15 [3396] .....	174
CANopenModeO16 [3397] .....	175
CANopenModeO17 [3398] .....	175
CANopenModeO18 [3399] .....	175
CANopenModeO19 [3400] .....	175
CANopenModeO20 [3401] .....	176
CANopenModeO21 [3402] .....	176

## MODBUS TABLE

CANopenModeO22 [3403] .....	176
CANopenModeO23 [3404] .....	176
CANopenModeO24 [3405] .....	177
CANopenModeO25 [3406] .....	177
CANopenModeO26 [3407] .....	177
CANopenModeO27 [3408] .....	177
CANopenModeO28 [3409] .....	178
CANopenModeO29 [3410] .....	178
CANopenModeO30 [3411] .....	178
CANopenModeO31 [3412] .....	178
CANopenModeO32 [3413] .....	179
CANopen Offset AI 01 [8350] .....	179
CANopen Gain AI 01 [8351] .....	179
CANopen Offset AI 02 [8352] .....	179
CANopen Gain AI 02 [8353] .....	180
CANopen Offset AI 03 [8354] .....	180
CANopen Gain AI 03 [8355] .....	180
CANopen Offset AI 04 [8356] .....	180
CANopen Gain AI 04 [8357] .....	181
CANopen Offset AI 05 [8358] .....	181
CANopen Gain AI 05 [8359] .....	181
CANopen Offset AI 06 [8360] .....	181
CANopen Gain AI 06 [8361] .....	182
CANopen Offset AI 07 [8362] .....	182
CANopen Gain AI 07 [8363] .....	182
CANopen Offset AI 08 [8364] .....	182
CANopen Gain AI 08 [8365] .....	183
CANopen Offset AI 09 [8366] .....	183
CANopen Gain AI 09 [8367] .....	183
CANopen Offset AI 10 [8368] .....	183
CANopen Gain AI 10 [8369] .....	184
CANopen Offset AI 11 [8370] .....	184
CANopen Gain AI 11 [8371] .....	184
CANopen Offset AI 12 [8372] .....	184
CANopen Gain AI 12 [8373] .....	185
CANopen Offset AI 13 [8374] .....	185
CANopen Gain AI 13 [8375] .....	185
CANopen Offset AI 14 [8376] .....	185
CANopen Gain AI 14 [8377] .....	186
CANopen Offset AI 15 [8378] .....	186
CANopen Gain AI 15 [8379] .....	186
CANopen Offset AI 16 [8380] .....	186
CANopen Gain AI 16 [8381] .....	187

## MODBUS TABLE

CANopenTM I33 [8582] .....	187
CANopenTM I34 [8583] .....	187
CANopenTM I35 [8584] .....	188
CANopenTM I36 [8585] .....	188
CANopenTM I37 [8586] .....	188
CANopenTM I38 [8587] .....	189
CANopenTM I39 [8588] .....	189
CANopenTM I40 [8589] .....	189
CANopenTM I41 [8590] .....	190
CANopenTM I42 [8591] .....	190
CANopenTM I43 [8592] .....	190
CANopenTM I44 [8593] .....	191
CANopenTM I45 [8594] .....	191
CANopenTM I46 [8595] .....	191
CANopenTM I47 [8596] .....	192
CANopenTM I48 [8597] .....	192
CANopenTM I49 [8598] .....	192
CANopenTM I50 [8599] .....	193
CANopenTM I51 [8600] .....	193
CANopenTM I52 [8601] .....	193
CANopenTM I53 [8602] .....	194
CANopenTM I54 [8603] .....	194
CANopenTM I55 [8604] .....	194
CANopenTM I56 [8605] .....	195
CANopenTM I57 [8606] .....	195
CANopenTM I58 [8607] .....	195
CANopenTM I59 [8608] .....	196
CANopenTM I60 [8609] .....	196
CANopenTM I61 [8610] .....	196
CANopenTM I62 [8611] .....	197
CANopenTM I63 [8612] .....	197
CANopenTM I64 [8613] .....	197
Validity on CANopen digital input 33 [8614] .....	198
Validity on CANopen digital input 34 [8615] .....	198
Validity on CANopen digital input 35 [8616] .....	198
Validity on CANopen digital input 36 [8617] .....	198
Validity on CANopen digital input 37 [8618] .....	199
Validity on CANopen digital input 38 [8619] .....	199
Validity on CANopen digital input 39 [8620] .....	199
Validity on CANopen digital input 40 [8621] .....	199
Validity on CANopen digital input 41 [8622] .....	200
Validity on CANopen digital input 42 [8623] .....	200
Validity on CANopen digital input 43 [8624] .....	200

## MODBUS TABLE

Validity on CANopen digital input 44 [8625]	200
Validity on CANopen digital input 45 [8626]	201
Validity on CANopen digital input 46 [8627]	201
Validity on CANopen digital input 47 [8628]	201
Validity on CANopen digital input 48 [8629]	201
Validity on CANopen digital input 49 [8630]	202
Validity on CANopen digital input 50 [8631]	202
Validity on CANopen digital input 51 [8632]	202
Validity on CANopen digital input 52 [8633]	202
Validity on CANopen digital input 53 [8634]	203
Validity on CANopen digital input 54 [8635]	203
Validity on CANopen digital input 55 [8636]	203
Validity on CANopen digital input 56 [8637]	203
Validity on CANopen digital input 57 [8638]	204
Validity on CANopen digital input 58 [8639]	204
Validity on CANopen digital input 59 [8640]	204
Validity on CANopen digital input 60 [8641]	204
Validity on CANopen digital input 61 [8642]	205
Validity on CANopen digital input 62 [8643]	205
Validity on CANopen digital input 63 [8644]	205
Validity on CANopen digital input 64 [8645]	205
CANopenDir I33 [8646]	206
CANopenDir I34 [8647]	206
CANopenDir I35 [8648]	206
CANopenDir I36 [8649]	206
CANopenDir I37 [8650]	207
CANopenDir I38 [8651]	207
CANopenDir I39 [8652]	207
CANopenDir I40 [8653]	207
CANopenDir I41 [8654]	208
CANopenDir I42 [8655]	208
CANopenDir I43 [8656]	208
CANopenDir I44 [8657]	208
CANopenDir I45 [8658]	209
CANopenDir I46 [8659]	209
CANopenDir I47 [8660]	209
CANopenDir I48 [8661]	209
CANopenDir I49 [8662]	210
CANopenDir I50 [8663]	210
CANopenDir I51 [8664]	210
CANopenDir I52 [8665]	210
CANopenDir I53 [8666]	211
CANopenDir I54 [8667]	211

## MODBUS TABLE

CANopenDir I55 [8668] .....	211
CANopenDir I56 [8669] .....	211
CANopenDir I57 [8670] .....	212
CANopenDir I58 [8671] .....	212
CANopenDir I59 [8672] .....	212
CANopenDir I60 [8673] .....	212
CANopenDir I61 [8674] .....	213
CANopenDir I62 [8675] .....	213
CANopenDir I63 [8676] .....	213
CANopenDir I64 [8677] .....	213
CANopenModeO33 [8732] .....	214
CANopenModeO34 [8733] .....	214
CANopenModeO35 [8734] .....	214
CANopenModeO36 [8735] .....	214
CANopenModeO37 [8736] .....	215
CANopenModeO38 [8737] .....	215
CANopenModeO39 [8738] .....	215
CANopenModeO40 [8739] .....	215
CANopenModeO41 [8740] .....	216
CANopenModeO42 [8741] .....	216
CANopenModeO43 [8742] .....	216
CANopenModeO44 [8743] .....	216
CANopenModeO45 [8744] .....	217
CANopenModeO46 [8745] .....	217
CANopenModeO47 [8746] .....	217
CANopenModeO48 [8747] .....	217
CANopenModeO49 [8748] .....	218
CANopenModeO50 [8749] .....	218
CANopenModeO51 [8750] .....	218
CANopenModeO52 [8751] .....	218
CANopenModeO53 [8752] .....	219
CANopenModeO54 [8753] .....	219
CANopenModeO55 [8754] .....	219
CANopenModeO56 [8755] .....	219
CANopenModeO57 [8756] .....	220
CANopenModeO58 [8757] .....	220
CANopenModeO59 [8758] .....	220
CANopenModeO60 [8759] .....	220
CANopenModeO61 [8760] .....	221
CANopenModeO62 [8761] .....	221
CANopenModeO63 [8762] .....	221
CANopenModeO64 [8763] .....	221
<b>Timers/meters .....</b>	<b>222</b>

## MODBUS TABLE

Test mode duration [2016] .....	222
Load ramp timer [2853] .....	222
<b>Power Plant .....</b>	<b>222</b>
Number of GENSYS COMPACT PRIME [2000] .....	222
My number [2001] .....	223
Connection type [2003] .....	223
Number of MASTER COMPACT/BTB COMPACT [2017] .....	224
Segment A [2020] .....	224
Segment B [2021] .....	224
Number of HYBRID COMPACT [2025] .....	225
Number of BAT COMPACT [2030] .....	225
Fail to open/close breaker timer [2304] .....	225
Unexpected close/open breaker timer [2317] .....	226
<b>Source A protections .....</b>	<b>226</b>
Mismatch rotophases protection control [2397] .....	226
Over frequency threshold [2400] .....	226
Over frequency timer [2401] .....	227
Over frequency control [2402] .....	227
Under frequency threshold [2403] .....	227
Under frequency timer [2404] .....	228
Under frequency control [2405] .....	228
Over voltage threshold [2406] .....	228
Over voltage timer [2407] .....	229
Over voltage control [2408] .....	229
Under voltage threshold [2409] .....	229
Under voltage timer [2410] .....	230
Under voltage control [2411] .....	230
Over frequency threshold 2 [2436] .....	230
Over frequency timer 2 [2437] .....	231
Over frequency control 2 [2438] .....	231
Under frequency threshold 2 [2439] .....	231
Under frequency timer 2 [2440] .....	232
Under frequency control 2 [2441] .....	232
Over voltage threshold 2 [2442] .....	232
Over voltage timer 2 [2443] .....	233
Over voltage control 2 [2444] .....	233
Under voltage threshold 2 [2445] .....	233
Under voltage timer 2 [2446] .....	234
Under voltage control 2 [2447] .....	234
Horn timer [2478] .....	234
Voltage unbalance threshold [2486] .....	235
Voltage unbalance timer [2487] .....	235
Voltage unbalance control [2488] .....	235

## MODBUS TABLE

Voltage unbalance threshold 2 [2489] .....	236
Voltage unbalance timer 2 [2490] .....	236
Voltage unbalance control 2 [2491] .....	236
Rotophase activation direction (0 = Indirect, 1 = Direct) [8500] .....	237
Rotophase protection control [8501] .....	237
<b>Source B protections .....</b>	<b>237</b>
Over frequency threshold [2500] .....	237
Over frequency timer [2501] .....	238
Over frequency control [2502] .....	238
Under frequency threshold [2503] .....	238
Under frequency timer [2504] .....	239
Under frequency control [2505] .....	239
Over voltage threshold [2506] .....	239
Over voltage timer [2507] .....	240
Over voltage control [2508] .....	240
Under voltage threshold [2509] .....	240
Under voltage timer [2510] .....	241
Under voltage control [2511] .....	241
Over frequency threshold 2 [2530] .....	241
Over frequency timer 2 [2531] .....	242
Over frequency control 2 [2532] .....	242
Under frequency threshold 2 [2533] .....	242
Under frequency timer 2 [2534] .....	243
Under frequency control 2 [2535] .....	243
Over voltage threshold 2 [2536] .....	243
Over voltage timer 2 [2537] .....	244
Over voltage control 2 [2538] .....	244
Under voltage threshold 2 [2539] .....	244
Under voltage timer 2 [2540] .....	245
Under voltage control 2 [2541] .....	245
Voltage unbalance threshold [2565] .....	245
Voltage unbalance timer [2566] .....	246
Voltage unbalance control [2567] .....	246
Voltage unbalance threshold 2 [2568] .....	246
Voltage unbalance timer 2 [2569] .....	247
Voltage unbalance control 2 [2570] .....	247
Rotophase activation direction (0 = Indirect, 1 = Direct) [2584] .....	247
Rotophase protection control [2585] .....	248
<b>Other protections .....</b>	<b>248</b>
Min. voltage battery threshold [2356] .....	248
Min. voltage battery timer [2357] .....	248
Min. voltage battery control [2358] .....	249
Max. voltage battery threshold [2359] .....	249

## MODBUS TABLE

Max. voltage battery timer [2360] .....	249
Max. voltage battery control [2361] .....	249
Min. voltage battery threshold 2 [2374] .....	250
Min. voltage battery timer 2 [2375] .....	250
Min. voltage battery control 2 [2376] .....	250
Max. voltage battery threshold 2 [2377] .....	250
Max. voltage battery timer 2 [2378] .....	251
Max. voltage battery control 2 [2379] .....	251
Analog input 1 threshold [2600] .....	251
Analog input 1 timer [2601] .....	251
Analog input 1 control [2602] .....	252
Analog input 1 threshold 2 [2603] .....	252
Analog input 1 timer 2 [2604] .....	252
Analog input 1 control 2 [2605] .....	253
Direction analog input 1 protection [2606] .....	253
Analog input 2 threshold [2608] .....	253
Analog input 2 timer [2609] .....	254
Analog input 2 control [2610] .....	254
Analog input 2 threshold 2 [2611] .....	254
Analog input 2 timer 2 [2612] .....	254
Analog input 2 control 2 [2613] .....	255
Direction analog input 2 protection [2614] .....	255
Analog input 3 threshold [2616] .....	255
Analog input 3 timer [2617] .....	256
Analog input 3 control [2618] .....	256
Analog input 3 threshold 2 [2619] .....	256
Analog input 3 timer 2 [2620] .....	256
Analog input 3 control 2 [2621] .....	257
Direction analog input 3 protection [2622] .....	257
<b>Communication .....</b>	<b>257</b>
Control on Modbus server timeouts [3030] .....	257
Enable connection to Modbus server [3031] .....	258
Modbus server frame timeout [3032] .....	258
CAN 1 baud rate [3050] .....	258
CAN 2 baud rate [3051] .....	259
Control on controllers communication fault [3052] .....	259
Control on missing GENSYS COMPACT PRIME on CAN bus [3054] .....	260
Control on missing MASTER COMPACT/BTB COMPACT on CAN bus [3057] .....	260
Control on CANopen error [3059] .....	260
Control on missing HYBRID COMPACT on CAN bus [3060] .....	261
Control on missing BAT COMPACT on CAN bus [3061] .....	261
CANopen error timer [3152] .....	261
<b>Saved user variables .....</b>	<b>262</b>



## MODBUS TABLE

Saved var. 1 (Customisable) [8000] .....	262
Saved var. 2 (Customisable) [8001] .....	262
Saved var. 3 (Customisable) [8002] .....	262
Saved var. 4 (Customisable) [8003] .....	263
Saved var. 5 (Customisable) [8004] .....	263
Saved var. 6 (Customisable) [8005] .....	263
Saved var. 7 (Customisable) [8006] .....	264
Saved var. 8 (Customisable) [8007] .....	264
Saved var. 9 (Customisable) [8008] .....	264
Saved var. 10 (Customisable) [8009] .....	265
Saved var. 11 (Customisable) [8010] .....	265
Saved var. 12 (Customisable) [8011] .....	265
Saved var. 13 (Customisable) [8012] .....	266
Saved var. 14 (Customisable) [8013] .....	266
Saved var. 15 (Customisable) [8014] .....	266
Saved var. 16 (Customisable) [8015] .....	267
Saved var. 17 (Customisable) [8016] .....	267
Saved var. 18 (Customisable) [8017] .....	267
Saved var. 19 (Customisable) [8018] .....	268
Saved var. 20 (Customisable) [8019] .....	268
Saved var. 21 (Customisable) [8020] .....	268
Saved var. 22 (Customisable) [8021] .....	269
Saved var. 23 (Customisable) [8022] .....	269
Saved var. 24 (Customisable) [8023] .....	269
Saved var. 25 (Customisable) [8024] .....	270
Saved var. 26 (Customisable) [8025] .....	270
Saved var. 27 (Customisable) [8026] .....	270
Saved var. 28 (Customisable) [8027] .....	271
Saved var. 29 (Customisable) [8028] .....	271
Saved var. 30 (Customisable) [8029] .....	271
Saved var. 31 (Customisable) [8030] .....	272
Saved var. 32 (Customisable) [8031] .....	272
Saved var. 33 (Customisable) [8032] .....	272
Saved var. 34 (Customisable) [8033] .....	273
Saved var. 35 (Customisable) [8034] .....	273
Saved var. 36 (Customisable) [8035] .....	273
Saved var. 37 (Customisable) [8036] .....	274
Saved var. 38 (Customisable) [8037] .....	274
Saved var. 39 (Customisable) [8038] .....	274
Saved var. 40 (Customisable) [8039] .....	275
Saved var. 41 (Customisable) [8040] .....	275
Saved var. 42 (Customisable) [8041] .....	275
Saved var. 43 (Customisable) [8042] .....	276

## MODBUS TABLE

Saved var. 44 (Customisable) [8043] .....	276
Saved var. 45 (Customisable) [8044] .....	276
Saved var. 46 (Customisable) [8045] .....	277
Saved var. 47 (Customisable) [8046] .....	277
Saved var. 48 (Customisable) [8047] .....	277
Saved var. 49 (Customisable) [8048] .....	278
Saved var. 50 (Customisable) [8049] .....	278
<b>Unsaved user variables .....</b>	<b>278</b>
Unsaved var.1 (Customisable) [8050] .....	278
Unsaved var.2 (Customisable) [8051] .....	279
Unsaved var.3 (Customisable) [8052] .....	279
Unsaved var.4 (Customisable) [8053] .....	279
Unsaved var.5 (Customisable) [8054] .....	280
Unsaved var.6 (Customisable) [8055] .....	280
Unsaved var.7 (Customisable) [8056] .....	280
Unsaved var.8 (Customisable) [8057] .....	281
Unsaved var.9 (Customisable) [8058] .....	281
Unsaved var.10 (Customisable) [8059] .....	281
Unsaved var.11 (Customisable) [8060] .....	282
Unsaved var.12 (Customisable) [8061] .....	282
Unsaved var.13 (Customisable) [8062] .....	282
Unsaved var.14 (Customisable) [8063] .....	283
Unsaved var.15 (Customisable) [8064] .....	283
Unsaved var.16 (Customisable) [8065] .....	283
Unsaved var.17 (Customisable) [8066] .....	284
Unsaved var.18 (Customisable) [8067] .....	284
Unsaved var.19 (Customisable) [8068] .....	284
Unsaved var.20 (Customisable) [8069] .....	285
Unsaved var.21 (Customisable) [8070] .....	285
Unsaved var.22 (Customisable) [8071] .....	285
Unsaved var.23 (Customisable) [8072] .....	286
Unsaved var.24 (Customisable) [8073] .....	286
Unsaved var.25 (Customisable) [8074] .....	286
Unsaved var.26 (Customisable) [8075] .....	287
Unsaved var.27 (Customisable) [8076] .....	287
Unsaved var.28 (Customisable) [8077] .....	287
Unsaved var.29 (Customisable) [8078] .....	288
Unsaved var.30 (Customisable) [8079] .....	288
Unsaved var.31 (Customisable) [8080] .....	288
Unsaved var.32 (Customisable) [8081] .....	289
Unsaved var.33 (Customisable) [8082] .....	289
Unsaved var.34 (Customisable) [8083] .....	289
Unsaved var.35 (Customisable) [8084] .....	290

## MODBUS TABLE

Unsaved var.36 (Customisable) [8085] .....	290
Unsaved var.37 (Customisable) [8086] .....	290
Unsaved var.38 (Customisable) [8087] .....	291
Unsaved var.39 (Customisable) [8088] .....	291
Unsaved var.40 (Customisable) [8089] .....	291
Unsaved var.41 (Customisable) [8090] .....	292
Unsaved var.42 (Customisable) [8091] .....	292
Unsaved var.43 (Customisable) [8092] .....	292
Unsaved var.44 (Customisable) [8093] .....	293
Unsaved var.45 (Customisable) [8094] .....	293
Unsaved var.46 (Customisable) [8095] .....	293
Unsaved var.47 (Customisable) [8096] .....	294
Unsaved var.48 (Customisable) [8097] .....	294
Unsaved var.49 (Customisable) [8098] .....	294
Unsaved var.50 (Customisable) [8099] .....	295
<b>System .....</b>	<b>295</b>
Power on mode [2012] .....	295
Limited time test mode [2015] .....	295
Custom setpoint analog output 1 [2214] .....	296
Custom setpoint analog output 2 [2256] .....	296
Screensaver timeout [3551] .....	296
Backlight timeout [3552] .....	296
LCD screen contrast [3554] .....	297
LCD screen backlight [3555] .....	297
Variable 1 to log [3600] .....	297
Variable 2 to log [3601] .....	297
Variable 3 to log [3602] .....	298
Variable 4 to log [3603] .....	298
Variable 5 to log [3604] .....	298
Variable 6 to log [3605] .....	298
Variable 7 to log [3606] .....	299
Variable 8 to log [3607] .....	299
Variable 9 to log [3608] .....	299
Variable 10 to log [3609] .....	299
Activation [3610] .....	300
Erase logger [3611] .....	300
Logging period variable 1 [3612] .....	300
Logging period variable 2 [3613] .....	300
Logging period variable 3 [3614] .....	301
Logging period variable 4 [3615] .....	301
Logging period variable 5 [3616] .....	301
Logging period variable 6 [3617] .....	301
Logging period variable 7 [3618] .....	302

## MODBUS TABLE

Logging period variable 8 [3619] .....	302
Logging period variable 9 [3620] .....	302
Logging period variable 10 [3621] .....	302
Log variable 1 on [3622] .....	303
Log variable 2 on [3623] .....	303
Log variable 3 on [3624] .....	303
Log variable 4 on [3625] .....	304
Log variable 5 on [3626] .....	304
Log variable 6 on [3627] .....	304
Log variable 7 on [3628] .....	305
Log variable 8 on [3629] .....	305
Log variable 9 on [3630] .....	305
Log variable 10 on [3631] .....	306
Record power up [8300] .....	306
Record circuit breaker status (Open/Closed) [8303] .....	306
Record operating mode [8304] .....	306
<b>Hysteresis .....</b>	<b>307</b>
Enable Hysteresis 1 [2657] .....	307
Enable Hysteresis 2 [2658] .....	307
Enable Hysteresis 3 [2659] .....	307
Low level threshold [2660] .....	308
Low level threshold [2661] .....	308
Low level threshold [2662] .....	308
High level threshold [2663] .....	308
High level threshold [2664] .....	309
High level threshold [2665] .....	309
Timer on low level threshold [2666] .....	309
Timer on low level threshold [2667] .....	309
Timer on low level threshold [2668] .....	310
Timer on high level threshold [2669] .....	310
Timer on high level threshold [2670] .....	310
Timer on high level threshold [2671] .....	310
Hysteresis Direction 1 [2672] .....	311
Hysteresis Direction 2 [2673] .....	311
Hysteresis Direction 3 [2674] .....	311
Hysteresis 1 enable for digital input [2769] .....	312
Hysteresis 2 enable for digital input [2770] .....	312
Hysteresis 3 enable for digital input [2771] .....	313
Hysteresis 4 enable for digital input [2772] .....	313
Hysteresis 5 enable for digital input [2773] .....	314
Hysteresis 6 enable for digital input [2774] .....	314
Hysteresis 7 enable for digital input [2775] .....	315
Hysteresis 8 enable for digital input [2776] .....	315

## MODBUS TABLE

Timer ON hysteresis 1 [2777] .....	316
Timer ON hysteresis 2 [2778] .....	316
Timer ON hysteresis 3 [2779] .....	316
Timer ON hysteresis 4 [2780] .....	317
Timer ON hysteresis 5 [2781] .....	317
Timer ON hysteresis 6 [2782] .....	317
Timer ON hysteresis 7 [2783] .....	318
Timer ON hysteresis 8 [2784] .....	318
Direction hysteresis 1 [2785] .....	318
Direction hysteresis 2 [2786] .....	319
Direction hysteresis 3 [2787] .....	319
Direction hysteresis 4 [2788] .....	319
Direction hysteresis 5 [2789] .....	320
Direction hysteresis 6 [2790] .....	320
Direction hysteresis 7 [2791] .....	320
Direction hysteresis 8 [2792] .....	321
<b>DIGITAL INPUT FUNCTIONS.....</b>	<b>322</b>
<b>Source A .....</b>	<b>322</b>
Breaker feedback [4501] .....	322
Circuit-breaker closing sequence activation [4502] .....	322
AB or BA [4637] .....	322
<b>Inputs/outputs .....</b>	<b>323</b>
Digital output 1 forced [4630] .....	323
Digital output 2 forced [4631] .....	323
Digital output 3 forced [4632] .....	323
Digital output 4 forced [4633] .....	324
Digital output 5 forced [4634] .....	324
Digital output 6 forced [4635] .....	324
Relay 1 forced [4950] .....	324
Relay 2 forced [4951] .....	325
<b>Alternative selections .....</b>	<b>325</b>
Alternative selection 1 [4594] .....	325
Alternative selection 2 [4595] .....	325
Alternative selection 3 [4596] .....	326
Alternative selection 4 [4597] .....	326
Alternative selection 5 [4598] .....	326
Alternative selection 6 [4599] .....	327
Alternative selection 7 [4600] .....	327
Alternative selection 8 [4601] .....	327
Alternative selection 9 [4602] .....	328
Alternative selection 10 [4603] .....	328
Alternative selection 11 [4604] .....	328

## MODBUS TABLE

Alternative selection 12 [4605] .....	329
Alternative selection 13 [4606] .....	329
Alternative selection 14 [4607] .....	329
Alternative selection 15 [4608] .....	329
Alternative selection 16 [4609] .....	330
<b>Hysteresis .....</b>	<b>330</b>
Hysteresis low threshold DI1 [4614] .....	330
Hysteresis low threshold DI2 [4615] .....	330
Hysteresis low threshold DI3 [4616] .....	330
Hysteresis low threshold DI4 [4617] .....	331
Hysteresis low threshold DI5 [4618] .....	331
Hysteresis low threshold DI6 [4619] .....	331
Hysteresis low threshold DI7 [4620] .....	331
Hysteresis low threshold DI8 [4621] .....	332
Hysteresis high threshold DI1 [4622] .....	332
Hysteresis high threshold DI2 [4623] .....	332
Hysteresis high threshold DI3 [4624] .....	332
Hysteresis high threshold DI4 [4625] .....	333
Hysteresis high threshold DI5 [4626] .....	333
Hysteresis high threshold DI6 [4627] .....	333
Hysteresis high threshold DI7 [4628] .....	333
Hysteresis high threshold DI8 [4629] .....	334
<b>Remote buttons .....</b>	<b>334</b>
Remote faults reset [4506] .....	334
Manual mode request [4511] .....	334
Manual mode inhibition [4512] .....	335
Auto mode request [4513] .....	335
Breaker opening in manual mode [4518] .....	335
Breaker closing in manual mode [4520] .....	335
Stop horn [4530] .....	336
Led test [4580] .....	336
Test mode request [4590] .....	336
<b>BITFIELDS.....</b>	<b>337</b>
<b>Inputs/outputs .....</b>	<b>337</b>
Physical status of digital input 1 [953.0] .....	337
Physical status of digital input 2 [953.1] .....	337
Physical status of digital input 3 [953.2] .....	337
Physical status of digital input 4 [953.3] .....	337
Physical status of digital input 5 [953.4] .....	337
Physical status of digital input 6 [953.5] .....	338
Physical status of digital input 7 [953.6] .....	338
Physical status of digital input 8 [953.7] .....	338

## MODBUS TABLE

Physical status of digital input 9 [953.8] .....	338
Digital input 1 [954.0] .....	338
Digital input 2 [954.1] .....	338
Digital input 3 [954.2] .....	339
Digital input 4 [954.3] .....	339
Digital input 5 [954.4] .....	339
Digital input 6 [954.5] .....	339
Digital input 7 [954.6] .....	339
Digital input 8 [954.7] .....	339
Digital input 9 [954.8] .....	339
Analog input 1 setup as digital input [954.9] .....	340
Analog input 2 setup as digital input [954.10] .....	340
Analog input 3 setup as digital input [954.11] .....	340
Digital output 1 [957.0] .....	340
Digital output 2 [957.1] .....	340
Digital output 3 [957.2] .....	340
Digital output 4 [957.3] .....	340
Digital output 5 [957.4] .....	341
Digital output 6 [957.5] .....	341
Relay 1 [957.6] .....	341
Relay 2 [957.7] .....	341
<b>I/O CAN bus expansion .....</b>	<b>341</b>
CANopen digital Input 1 [955.0] .....	341
CANopen digital Input 2 [955.1] .....	341
CANopen digital Input 3 [955.2] .....	342
CANopen digital Input 4 [955.3] .....	342
CANopen digital Input 5 [955.4] .....	342
CANopen digital Input 6 [955.5] .....	342
CANopen digital Input 7 [955.6] .....	342
CANopen digital Input 8 [955.7] .....	342
CANopen digital Input 9 [955.8] .....	342
CANopen digital Input 10 [955.9] .....	343
CANopen digital Input 11 [955.10] .....	343
CANopen digital Input 12 [955.11] .....	343
CANopen digital Input 13 [955.12] .....	343
CANopen digital Input 14 [955.13] .....	343
CANopen digital Input 15 [955.14] .....	343
CANopen digital Input 16 [955.15] .....	343
CANopen digital Input 17 [956.0] .....	344
CANopen digital Input 18 [956.1] .....	344
CANopen digital Input 19 [956.2] .....	344
CANopen digital Input 20 [956.3] .....	344
CANopen digital Input 21 [956.4] .....	344

## MODBUS TABLE

CANopen digital Input 22 [956.5] .....	344
CANopen digital Input 23 [956.6] .....	344
CANopen digital Input 24 [956.7] .....	345
CANopen digital Input 25 [956.8] .....	345
CANopen digital Input 26 [956.9] .....	345
CANopen digital Input 27 [956.10] .....	345
CANopen digital Input 28 [956.11] .....	345
CANopen digital Input 29 [956.12] .....	345
CANopen digital Input 30 [956.13] .....	345
CANopen digital Input 31 [956.14] .....	346
CANopen digital Input 32 [956.15] .....	346
CANopen digital Output 1 [958.0] .....	346
CANopen digital Output 2 [958.1] .....	346
CANopen digital Output 3 [958.2] .....	346
CANopen digital Output 4 [958.3] .....	346
CANopen digital Output 5 [958.4] .....	346
CANopen digital Output 6 [958.5] .....	347
CANopen digital Output 7 [958.6] .....	347
CANopen digital Output 8 [958.7] .....	347
CANopen digital Output 9 [958.8] .....	347
CANopen digital Output 10 [958.9] .....	347
CANopen digital Output 11 [958.10] .....	347
CANopen digital Output 12 [958.11] .....	347
CANopen digital Output 13 [958.12] .....	348
CANopen digital Output 14 [958.13] .....	348
CANopen digital Output 15 [958.14] .....	348
CANopen digital Output 16 [958.15] .....	348
CANopen digital Output 17 [959.0] .....	348
CANopen digital Output 18 [959.1] .....	348
CANopen digital Output 19 [959.2] .....	348
CANopen digital Output 20 [959.3] .....	349
CANopen digital Output 21 [959.4] .....	349
CANopen digital Output 22 [959.5] .....	349
CANopen digital Output 23 [959.6] .....	349
CANopen digital Output 24 [959.7] .....	349
CANopen digital Output 25 [959.8] .....	349
CANopen digital Output 26 [959.9] .....	349
CANopen digital Output 27 [959.10] .....	350
CANopen digital Output 28 [959.11] .....	350
CANopen digital Output 29 [959.12] .....	350
CANopen digital Output 30 [959.13] .....	350
CANopen digital Output 31 [959.14] .....	350
CANopen digital Output 32 [959.15] .....	350



## MODBUS TABLE

CANopen digital Input 33 [978.0]	350
CANopen digital Input 34 [978.1]	351
CANopen digital Input 35 [978.2]	351
CANopen digital Input 36 [978.3]	351
CANopen digital Input 37 [978.4]	351
CANopen digital Input 38 [978.5]	351
CANopen digital Input 39 [978.6]	351
CANopen digital Input 40 [978.7]	351
CANopen digital Input 41 [978.8]	352
CANopen digital Input 42 [978.9]	352
CANopen digital Input 43 [978.10]	352
CANopen digital Input 44 [978.11]	352
CANopen digital Input 45 [978.12]	352
CANopen digital Input 46 [978.13]	352
CANopen digital Input 47 [978.14]	352
CANopen digital Input 48 [978.15]	353
CANopen digital Input 49 [979.0]	353
CANopen digital Input 50 [979.1]	353
CANopen digital Input 51 [979.2]	353
CANopen digital Input 52 [979.3]	353
CANopen digital Input 53 [979.4]	353
CANopen digital Input 54 [979.5]	353
CANopen digital Input 55 [979.6]	354
CANopen digital Input 56 [979.7]	354
CANopen digital Input 57 [979.8]	354
CANopen digital Input 58 [979.9]	354
CANopen digital Input 59 [979.10]	354
CANopen digital Input 60 [979.11]	354
CANopen digital Input 61 [979.12]	354
CANopen digital Input 62 [979.13]	355
CANopen digital Input 63 [979.14]	355
CANopen digital Input 64 [979.15]	355
CANopen digital Output 33 [980.0]	355
CANopen digital Output 34 [980.1]	355
CANopen digital Output 35 [980.2]	355
CANopen digital Output 36 [980.3]	355
CANopen digital Output 37 [980.4]	356
CANopen digital Output 38 [980.5]	356
CANopen digital Output 39 [980.6]	356
CANopen digital Output 40 [980.7]	356
CANopen digital Output 41 [980.8]	356
CANopen digital Output 42 [980.9]	356
CANopen digital Output 43 [980.10]	356

## MODBUS TABLE

CANopen digital Output 44 [980.11] .....	357
CANopen digital Output 45 [980.12] .....	357
CANopen digital Output 46 [980.13] .....	357
CANopen digital Output 47 [980.14] .....	357
CANopen digital Output 48 [980.15] .....	357
CANopen digital Output 49 [981.0] .....	357
CANopen digital Output 50 [981.1] .....	357
CANopen digital Output 51 [981.2] .....	358
CANopen digital Output 52 [981.3] .....	358
CANopen digital Output 53 [981.4] .....	358
CANopen digital Output 54 [981.5] .....	358
CANopen digital Output 55 [981.6] .....	358
CANopen digital Output 56 [981.7] .....	358
CANopen digital Output 57 [981.8] .....	358
CANopen digital Output 58 [981.9] .....	359
CANopen digital Output 59 [981.10] .....	359
CANopen digital Output 60 [981.11] .....	359
CANopen digital Output 61 [981.12] .....	359
CANopen digital Output 62 [981.13] .....	359
CANopen digital Output 63 [981.14] .....	359
CANopen digital Output 64 [981.15] .....	359
<b>Power Plant .....</b>	<b>360</b>
Generator No.1 circuit breaker position [562.0] .....	360
Generator No.2 circuit breaker position [562.1] .....	360
Generator No.3 circuit breaker position [562.2] .....	360
Generator No.4 circuit breaker position [562.3] .....	360
Generator No.5 circuit breaker position [562.4] .....	360
Generator No.6 circuit breaker position [562.5] .....	360
Generator No.7 circuit breaker position [562.6] .....	361
Generator No.8 circuit breaker position [562.7] .....	361
Generator No.9 circuit breaker position [562.8] .....	361
Generator No.10 circuit breaker position [562.9] .....	361
Generator No.11 circuit breaker position [562.10] .....	361
Generator No.12 circuit breaker position [562.11] .....	361
Generator No.13 circuit breaker position [562.12] .....	361
Generator No.14 circuit breaker position [562.13] .....	362
Generator No.15 circuit breaker position [562.14] .....	362
Generator No.16 circuit breaker position [562.15] .....	362
Generator No.17 circuit breaker position [563.0] .....	362
Generator No.18 circuit breaker position [563.1] .....	362
Generator No.19 circuit breaker position [563.2] .....	362
Generator No.20 circuit breaker position [563.3] .....	362
Generator No.21 circuit breaker position [563.4] .....	363

## MODBUS TABLE

Generator No.22 circuit breaker position [563.5] .....	363
Generator No.23 circuit breaker position [563.6] .....	363
Generator No.24 circuit breaker position [563.7] .....	363
Generator No.25 circuit breaker position [563.8] .....	363
Generator No.26 circuit breaker position [563.9] .....	363
Generator No.27 circuit breaker position [563.10] .....	363
Generator No.28 circuit breaker position [563.11] .....	364
Generator No.29 circuit breaker position [563.12] .....	364
Generator No.30 circuit breaker position [563.13] .....	364
Generator No.31 circuit breaker position [563.14] .....	364
Generator No.32 circuit breaker position [563.15] .....	364
Mains/tie breaker No.1 circuit breaker position [976.0] .....	364
Mains/tie breaker No.2 circuit breaker position [976.1] .....	365
Mains/tie breaker No.3 circuit breaker position [976.2] .....	365
Mains/tie breaker No.4 circuit breaker position [976.3] .....	365
Mains/tie breaker No.5 circuit breaker position [976.4] .....	365
Mains/tie breaker No.6 circuit breaker position [976.5] .....	365
Mains/tie breaker No.7 circuit breaker position [976.6] .....	366
Mains/tie breaker No.8 circuit breaker position [976.7] .....	366
Mains/tie breaker No.9 circuit breaker position [976.8] .....	366
Mains/tie breaker No.10 circuit breaker position [976.9] .....	366
Mains/tie breaker No.11 circuit breaker position [976.10] .....	366
Mains/tie breaker No.12 circuit breaker position [976.11] .....	367
Mains/tie breaker No.13 circuit breaker position [976.12] .....	367
Mains/tie breaker No.14 circuit breaker position [976.13] .....	367
Mains/tie breaker No.15 circuit breaker position [976.14] .....	367
Mains/tie breaker No.16 circuit breaker position [976.15] .....	367
Mains/tie breaker No.17 circuit breaker position [977.0] .....	368
Mains/tie breaker No.18 circuit breaker position [977.1] .....	368
Mains/tie breaker No.19 circuit breaker position [977.2] .....	368
Mains/tie breaker No.20 circuit breaker position [977.3] .....	368
Mains/tie breaker No.21 circuit breaker position [977.4] .....	368
Mains/tie breaker No.22 circuit breaker position [977.5] .....	369
Mains/tie breaker No.23 circuit breaker position [977.6] .....	369
Mains/tie breaker No.24 circuit breaker position [977.7] .....	369
Mains/tie breaker No.25 circuit breaker position [977.8] .....	369
Mains/tie breaker No.26 circuit breaker position [977.9] .....	369
Mains/tie breaker No.27 circuit breaker position [977.10] .....	370
Mains/tie breaker No.28 circuit breaker position [977.11] .....	370
Mains/tie breaker No.29 circuit breaker position [977.12] .....	370
Mains/tie breaker No.30 circuit breaker position [977.13] .....	370
Mains/tie breaker No.31 circuit breaker position [977.14] .....	370
Mains/tie breaker No.32 circuit breaker position [977.15] .....	371

## MODBUS TABLE

<b>Source A protections</b> .....	<b>371</b>
Over voltage level 1 active as an alarm [962.4] .....	371
Over voltage level 2 active as an alarm [962.5] .....	371
Under voltage level 1 active as an alarm [962.6] .....	371
Under voltage level 2 active as an alarm [962.7] .....	371
Over voltage level 1 active as a fault [963.4] .....	371
Over voltage level 2 active as a fault [963.5] .....	372
Under voltage level 1 active as a fault [963.6] .....	372
Under voltage level 2 active as a fault [963.7] .....	372
Mismatch rotophases level 1 [4053.0] .....	372
Mismatch rotophases level 2 [4053.1] .....	372
Source A over frequency level 1 [4250.0] .....	372
Source A over frequency level 2 [4250.1] .....	372
Source A under frequency level 1 [4251.0] .....	373
Source A under frequency level 2 [4251.1] .....	373
Source A over voltage level 1 [4252.0] .....	373
Source A over voltage level 2 [4252.1] .....	373
Source A under voltage level 1 [4253.0] .....	373
Source A under voltage level 2 [4253.1] .....	373
Source A voltage unbalance level 1 [4268.0] .....	373
Source A voltage unbalance level 2 [4268.1] .....	374
Source A rotophase level 1 [4272.0] .....	374
Source A rotophase level 2 [4272.1] .....	374
<b>Source B protections</b> .....	<b>374</b>
Over frequency level 1 active as an alarm [966.0] .....	374
Over frequency level 2 active as an alarm [966.1] .....	374
Under frequency level 1 active as an alarm [966.2] .....	374
Under frequency level 2 active as an alarm [966.3] .....	375
Over voltage level 1 active as an alarm [966.4] .....	375
Over voltage level 2 active as an alarm [966.5] .....	375
Under voltage level 1 active as an alarm [966.6] .....	375
Under voltage level 2 active as an alarm [966.7] .....	375
Over frequency level 1 active as a fault [967.0] .....	375
Under frequency level 1 active as a fault [967.2] .....	375
Under frequency level 2 active as a fault [967.3] .....	376
Over voltage level 1 active as a fault [967.4] .....	376
Over voltage level 2 active as a fault [967.5] .....	376
Under voltage level 1 active as a fault [967.6] .....	376
Under voltage level 2 active as a fault [967.7] .....	376
Source B over frequency level 1 [4300.0] .....	376
Source B over frequency level 2 [4300.1] .....	376
Source B under frequency level 1 [4301.0] .....	377
Source B under frequency level 2 [4301.1] .....	377

## MODBUS TABLE

Source B over voltage level 1 [4302.0] .....	377
Source B over voltage level 2 [4302.1] .....	377
Source B under voltage level 1 [4303.0] .....	377
Source B under voltage level 2 [4303.1] .....	377
Source B voltage unbalance level 1 [4314.0] .....	377
Source B voltage unbalance level 2 [4314.1] .....	378
Source B rotophase level 1 [4318.0] .....	378
Source B rotophase level 2 [4318.1] .....	378
<b>Other protections .....</b>	<b>378</b>
Battery minimum voltage level 1 [4202.0] .....	378
Battery minimum voltage level 2 [4202.1] .....	378
Battery maximum voltage level 1 [4203.0] .....	378
Battery maximum voltage level 2 [4203.1] .....	379
<b>Communication .....</b>	<b>379</b>
Write date/time [3015.0] .....	379
Write engine meters [3015.1] .....	379
Write input functions [3015.3] .....	379
Reading via Modbus TCP [3015.8] .....	379
Writing via Modbus TCP [3015.9] .....	379
<b>Others .....</b>	<b>380</b>
New fault occurred: Fault LED is blinking [950.0] .....	380
New alarm occurred: Alarm LED is blinking [950.1] .....	380
Fault exist: Fault LED is on [950.2] .....	380
Alarm exist: Alarm LED is on [950.3] .....	380
Battery minimum voltage level 1 active as an alarm [960.4] .....	380
Battery minimum voltage level 2 active as an alarm [960.5] .....	380
Battery maximum voltage level 1 active as an alarm [960.6] .....	381
Battery maximum voltage level 2 active as an alarm [960.7] .....	381
Battery minimal voltage level 1 active as a fault [961.4] .....	381
Battery minimal voltage level 2 active as a fault [961.5] .....	381
Battery maximum voltage level 1 active as a fault [961.6] .....	381
Battery maximum voltage level 2 active as a fault [961.7] .....	381
Fail to synchronize active as an alarm [970.0] .....	381
CAN1 controllers communication fault active as an alarm [970.2] .....	382
Minimum/maximum analog measure 1 (level 1) active as an alarm [970.4] .....	382
Minimum/maximum analog measure 1 (level 2) active as an alarm [970.5] .....	382
Minimum/maximum analog measure 2 (level 1) active as an alarm [970.6] .....	382
Minimum/maximum analog measure 2 (level 2) active as an alarm [970.7] .....	382
Minimum/maximum analog measure 3 (level 1) active as an alarm [970.8] .....	382
Minimum/maximum analog measure 3 (level 2) active as an alarm [970.9] .....	382
Fail to synchronize active as a fault [971.0] .....	383
CAN1 controllers communication fault active as a fault [971.2] .....	383
Minimum/maximum analog measure 1 (level 1) active as a fault [971.4] .....	383

## MODBUS TABLE

Minimum/maximum analog measure 1 (level 2) active as a fault [971.5] .....	383
Minimum/maximum analog measure 2 (level 1) active as a fault [971.6] .....	383
Minimum/maximum analog measure 2 (level 2) active as a fault [971.7] .....	383
Minimum/maximum analog measure 3 (level 1) active as a fault [971.8] .....	383
Minimum/maximum analog measure 3 (level 2) active as a fault [971.9] .....	384
Fail to close bus breaker active as a fault [971.10] .....	384
Fail to open bus breaker active as a fault [971.11] .....	384
Bus breaker open suddently active as a fault [971.12] .....	384
Bus breaker close suddently active as a fault [971.13] .....	384
CANopen error active as an alarm [972.0] .....	384
Overload microcontroler active as an alarm [972.4] .....	384
Emergency stop active as a fault [973.2] .....	385
CANopen error active as a fault [973.8] .....	385
CAN1 missing MASTER active as an alarm [974.0] .....	385
Source A voltage unbalance level 1 active as an alarm [974.2] .....	385
Source A voltage unbalance level 2 active as an alarm [974.3] .....	385
Source B voltage unbalance level 1 active as an alarm [974.6] .....	385
Source B voltage unbalance level 2 active as an alarm [974.7] .....	385
Overflow in equation active as an alarm [974.8] .....	386
CAN1 missing PRIME active as an alarm [974.13] .....	386
CAN1 mismatch protocol version alarm active [974.15] .....	386
CAN1 missing MASTER active as a fault [975.0] .....	386
Source A voltage unbalance level 1 active as a fault [975.2] .....	386
Source A voltage unbalance level 2 active as a fault [975.3] .....	386
Source B voltage unbalance level 1 active as a fault [975.6] .....	386
Source B voltage unbalance level 2 active as a fault [975.7] .....	387
CAN1 missing PRIME active as a fault [975.13] .....	387
<b>Statuses .....</b>	<b>387</b>
Fault [952.0] .....	387
Bus voltage [952.1] .....	387
AUTO [952.2] .....	387
MAN [952.3] .....	387
TEST [952.5] .....	388
Bus breaker [952.6] .....	388
Alarm [952.7] .....	388
Bus voltage [952.8] .....	388
<b>Remote buttons .....</b>	<b>388</b>
Shift button [951.0] .....	388
Right arrow button [951.1] .....	388
Down arrow button [951.2] .....	389
Left arrow button [951.3] .....	389
Up arrow button [951.4] .....	389
Enter button [951.5] .....	389

## MODBUS TABLE

Esc button [951.6] .....	389
Fault/Alarm/info button [951.7] .....	389
Breaker button [951.9] .....	389
Man button [951.12] .....	390
Test button [951.13] .....	390
Auto button [951.14] .....	390
Shift button inhibition [8102.0] .....	390
Right arrow button inhibition [8102.1] .....	390
Down arrow button inhibition [8102.2] .....	390
Left arrow button inhibition [8102.3] .....	390
Up arrow button inhibition [8102.4] .....	391
Enter button inhibition [8102.5] .....	391
Esc button inhibition [8102.6] .....	391
Fault/Alarm/info button inhibition [8102.7] .....	391
Breaker button inhibition [8102.9] .....	391
Man button inhibition [8102.12] .....	391
Test button inhibition [8102.13] .....	391
Auto button inhibition [8102.14] .....	392

## MODBUS TCP/IP

### ABILITIES

An Ethernet communication can be established between a Modbus master device and the controller which acts as a Modbus slave.

The Modbus master device can read/write many internal variables of the controller according to their access rights described below.

Type	Range	Default access right
Readings (measurements, states,...).	[0000] ... [1999]	Read only.
Parameters.	[2000] ... [3999]	Read/Write.
Modes, statuses, settings,... Readings associated with digital inputs.	[4000] ... [9999] [4500] ... [4649], [4950]...[4999]	Read. Write (subject to activation).

In addition, the following functions are supported:

- Reading bit fields, listed in a dedicated tab of the file and organized in 16-bit words.
- Reading contiguous configurable data block.

Those functions allow a significant performance gain and help reducing the load on an Ethernet network.

### CONFIGURATION

To communicate through Modbus/TCP, define the following settings:

- The module IP address set in the **Controller settings** ⇒ **System** ⇒ **Network** page.
- The *Modbus TCP port* [3014], generally 502, set in the **Controller settings** ⇒ **System** ⇒ **Network** page.
- The Modbus/TCP rights: see further.

The module handles up to 6 simultaneous connections. This can be used for multiple HMIs for example. .



**Warning:**

Connecting the controller to an *i4Gen* device or the *i4Gen Suite* software will utilize one Modbus connection.

### FUNCTIONS

The module supports the following Modbus functions:

Functions	Description
01, 02	Read logical data (Coil status, discrete input status).
03, 04	Read holding/input registers (16 bit).
05	Write logical value (single coil).
06	Write single register (16-bit variable).
15 (0x0F)	Write multiple logical values (multiple coils).
16 (0x10)	Write multiple registers.



## MODBUS TABLE

All module variables are 16-bit registers. Yet it might be useful to consider them as logical values (if they are only set to 0 or 1) to simplify the Modbus/TCP protocol communication with some external PLC. If function 01 or 02 is used to read an internal register that is different from 0, then returned value will be 1.

The module registers start from address 0. Depending on your Modbus/TCP client equipment-software, you may need to use an offset of 1 when reading/writing registers as addresses may start from address 1. In this case, request address/register number 1 to access variable 0000 inside the module.

The 32-bit variables can only be written using 0x10 function.

If a digital input modifies a piece of data also to be written via Modbus, the latest request takes over the other.

Data [10000]...[10299] can be read by block (see further).

## ACCESS RIGHTS

The access rights depend on the parameter type and on Modbus access permissions. To manage access rights, set to 1 the corresponding bits in the register [3015]:

Description	Bit #	Default value
Writing date/ time	0	0
Writing engine counters	1	0
Not used	2	0
Writing digital input function register	3	1
Not used	4	0
Not used	5	0
Not used	6	0
Not used	7	0
Reading via Modbus/TCP	8	1
Writing via Modbus/TCP	9	1

Using the **Controller settings** ⇒ **Programming** ⇒ **Modbus** ⇒ **Modbus rights (i4Gen)** page, you can tick checkboxes to set those:

Bit #	Label	Description
0	Writing to date/ time	Module time synchronization.
1	Writing to Engine counters	Manual counters adjustment (see following table).
3	Writing to digital input function register	Opens the possibility to activate a digital input function using Modbus/TCP protocol.
8	Reading using Modbus/TCP protocol	Opens the possibility to grant reading individual permissions.
9	Writing using Modbus/TCP protocol	Opens the possibility to grant writing individual permissions.

The counters, encoded on 32 bits, include:

Meters (MSB LSB)	Label
[80]   [79]	
[82]   [81]	
[84]   [83]	<i>Number of hours generator running</i>

## BIT FIELDS

Bit fields are meant for decreasing communication bus load. They pack up to 16 logic variables inside a single register. This way, a single Modbus/TCP request can be used to read a group of information. Each variable contains the current value of 16 logic variables such as breaker positions, faults, alarms...



**Note:** Available data are related only to faults that occurred after the latest power up sequence. Events that occurred before the module has been power cycled are listed in the fault pages but not among the variables.

### Example:

The table below shows a Modbus/TCP client sending a reading request (function 04) of 6 registers starting from variable [79].

Client request		Module server response	
Field	Value	Field	Value
Function code	04	Required function.	04
Starting Register (MSB)	00	Data bytes (= 2 * Number of requested registers).	6
Starting Register (LSB)	79	Value of register 0079 (MSB).	D0
Count of registers (MSB)	00	Value of register 0079 (LSB).	D1
Count of registers (LSB)	06	Value of register 0080 (MSB).	D2
		Value of register 0080 (LSB).	D3
		Value of register 0081 (MSB).	D4
		Value of register 0081 (LSB).	D5

## VARIABLES

### COMMANDS

<b>Variable</b>	Horn
<b>Address</b>	[4663]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	External horn or warning light. Activated whenever a fault/alarm triggers. The output is disable on acknowledgment or reset. Horn timer is adjustable in timer menu (0s = permanent activation).

<b>Variable</b>	Breaker closure
<b>Address</b>	[4675]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Command to close the breaker. Output signal (pulse or continue) will depend on configuration in Breaker settings.

<b>Variable</b>	Breaker opening
<b>Address</b>	[4677]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Command to open the breaker. Output signal (pulse or continue) will depend on configuration in Breaker settings.

## MODBUS TABLE

<b>Variable</b>	Faults reset
<b>Address</b>	[4737]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Active when a Fault RESET is requested on controller.

## SOURCE A

<b>Variable</b>	SA V1
<b>Address</b>	[50]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source A voltage neutral to phase 1

<b>Variable</b>	SA V2
<b>Address</b>	[51]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source A voltage neutral to phase 2

<b>Variable</b>	SA V3
<b>Address</b>	[52]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source A voltage neutral to phase 3

## MODBUS TABLE

<b>Variable</b>	SA U31
<b>Address</b>	[53]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Source A Line to line voltage U31 in % of nominal voltage

<b>Variable</b>	SA U23
<b>Address</b>	[54]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Source A Line to line voltage U23 in % of nominal voltage

<b>Variable</b>	SA U12
<b>Address</b>	[55]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Source A Line to line voltage U12 in % of nominal voltage

<b>Variable</b>	SA U31
<b>Address</b>	[56]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source A voltage phase 1 to phase 3

## MODBUS TABLE

<b>Variable</b>	SA U23
<b>Address</b>	[57]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source A voltage phase 3 to phase 2

<b>Variable</b>	SA U12
<b>Address</b>	[58]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source A voltage phase 2 to phase 1

<b>Variable</b>	SA $\cos(\varphi)$
<b>Address</b>	[74]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-100
<b>Max value</b>	100
<b>Description</b>	Source A global PF

<b>Variable</b>	SA frequency
<b>Address</b>	[75]
<b>Scale Factor</b>	2
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Source A frequency

## MODBUS TABLE

<b>Variable</b>	SA frequency (%)
<b>Address</b>	[76]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Source A frequency in % of active nominal frequency

<b>Variable</b>	Voltage diff.
<b>Address</b>	[300]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Difference of voltage

<b>Variable</b>	Freq. diff.
<b>Address</b>	[301]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-10000
<b>Max value</b>	10000
<b>Description</b>	Difference of frequency

<b>Variable</b>	Phase diff.
<b>Address</b>	[302]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-180
<b>Max value</b>	180
<b>Description</b>	Difference of phase (filter)

## MODBUS TABLE

<b>Variable</b>	Phase Sequence (0 = indirect, 1=direct, 2=Error, 3=No Signal)
<b>Address</b>	[304]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Rotophase : Phi sequence of the genset polarity (0 = indirect, 1=direct, 2=Error, 3=No Signal )

<b>Variable</b>	SA total P
<b>Address</b>	[369]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Source A global kW

<b>Variable</b>	SA total Q
<b>Address</b>	[370]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Source A global kVAR

<b>Variable</b>	Fail to close breaker
<b>Address</b>	[4154]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Fault report: The automated system tried to close the circuit breaker without success



## MODBUS TABLE

<b>Variable</b>	Fail to open breaker
<b>Address</b>	[4155]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Fault report: The automated system tried to open the circuit breaker without success

<b>Variable</b>	Breaker open suddenly
<b>Address</b>	[4156]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Fault report: The circuit breaker has opened without any request for opening from the automated system

<b>Variable</b>	Breaker close suddenly
<b>Address</b>	[4170]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Fault report: The circuit breaker has closed without any request for closing from the automated system

## MODBUS TABLE

<b>Variable</b>	Breaker state
<b>Address</b>	[4650]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Gives the state desired by the automated system for the circuit breaker (0: opening / 1: closing). Not to be confused with the closing command, whose behaviour depends on the configuration (Contact, Impulse, etc).

## SOURCE B

<b>Variable</b>	SB V1
<b>Address</b>	[100]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source B voltage neutral to phase 1

<b>Variable</b>	SB V2
<b>Address</b>	[101]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source B voltage neutral to phase 2

## MODBUS TABLE

<b>Variable</b>	SB V3
<b>Address</b>	[102]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source B voltage neutral to phase 3

<b>Variable</b>	SB U31
<b>Address</b>	[103]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Source B Line to line voltage U31 in % of nominal voltage

<b>Variable</b>	SB U23
<b>Address</b>	[104]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Source B Line to line voltage U23 in % of nominal voltage

<b>Variable</b>	SB U12
<b>Address</b>	[105]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Source B Line to line voltage U12 in % of nominal voltage

## MODBUS TABLE

<b>Variable</b>	SB U31
<b>Address</b>	[106]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source B voltage phase 1 to phase 3

<b>Variable</b>	SB U23
<b>Address</b>	[107]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source B voltage phase 3 to phase 2

<b>Variable</b>	SB U12
<b>Address</b>	[108]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Source B voltage phase 2 to phase 1

<b>Variable</b>	SB cos( $\varphi$ )
<b>Address</b>	[114]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-100
<b>Max value</b>	100
<b>Description</b>	Source B global PF

## MODBUS TABLE

<b>Variable</b>	SB frequency
<b>Address</b>	[118]
<b>Scale Factor</b>	2
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Source B frequency

<b>Variable</b>	SB frequency (%)
<b>Address</b>	[119]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Source B frequency in % of active nominal frequency

<b>Variable</b>	SB active power (%)
<b>Address</b>	[131]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Bus kW (%)

<b>Variable</b>	SB reactive power (%)
<b>Address</b>	[132]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-2000
<b>Max value</b>	2000
<b>Description</b>	Bus kVAR (%)

## MODBUS TABLE

<b>Variable</b>	SB total P
<b>Address</b>	[140]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Source B global kW

<b>Variable</b>	SB total Q
<b>Address</b>	[141]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Source B global kVAR

<b>Variable</b>	Phase Sequence (0 = indirect, 1=direct, 2=Error, 3=No Signal)
<b>Address</b>	[305]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Rotophase : Phi sequence of the busbar polarity (0 = indirect, 1=direct, 2=Error, 3=No Signal )

## INPUTS/OUTPUTS

<b>Variable</b>	Analog 1 (Customisable)
<b>Address</b>	[150]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Analog 1 measure

<b>Variable</b>	Analog 2 (Customisable)
<b>Address</b>	[151]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Analog 2 measure

<b>Variable</b>	Analog 3 (Customisable)
<b>Address</b>	[152]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Analog 3 measure

## MODBUS TABLE

<b>Variable</b>	Battery voltage
<b>Address</b>	[204]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	500
<b>Description</b>	Battery voltage measure

<b>Variable</b>	Input 1 (Customisable)
<b>Address</b>	[250]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°1 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>



## MODBUS TABLE

<b>Variable</b>	Input 2 (Customisable)
<b>Address</b>	[251]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°2 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>

<b>Variable</b>	Input 3 (Customisable)
<b>Address</b>	[252]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°3 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>

## MODBUS TABLE

<b>Variable</b>	Input 4 (Customisable)
<b>Address</b>	[253]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°4 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>

<b>Variable</b>	Input 5 (Customisable)
<b>Address</b>	[254]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°5 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>

## MODBUS TABLE

<b>Variable</b>	Input 6 (Customisable)
<b>Address</b>	[255]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°6 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>

<b>Variable</b>	Input 7 (Customisable)
<b>Address</b>	[256]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°7 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>

## MODBUS TABLE

<b>Variable</b>	Input 8 (Customisable)
<b>Address</b>	[257]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°8 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>

<b>Variable</b>	Input 9 (Customisable)
<b>Address</b>	[258]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	<p>Digital input n°9 of the product.</p> <p>Select a normally open polarity if the input is connected to 0V when the input should be considered active.</p> <p>Select a normally closed polarity if the input is connected to 0V when the input must be considered inactive.</p> <p>The validity indicates when the digital input should be taken into account.</p> <p>The T ON delay allows you to add a delay between the moment when the digital input is physically activated and the moment when the product considers it active for the automated system.</p> <p>The T OFF time delay allows you to add a delay between the moment when the digital input is physically disabled and the moment when the product considers it inactive for the automated system.</p>

## MODBUS TABLE

<b>Variable</b>	Analog 1 (Customisable)
<b>Address</b>	[259]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Digital input 10 (Analog1 set as Digital input)

<b>Variable</b>	Analog 2 (Customisable)
<b>Address</b>	[260]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Digital input 11 (Analog2 set as Digital input)

<b>Variable</b>	Analog 3 (Customisable)
<b>Address</b>	[261]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Digital input 12 (Analog3 set as Digital input)

<b>Variable</b>	Output 1 (Customisable)
<b>Address</b>	[4350]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Real time displayed status of Digital Output 1

## MODBUS TABLE

<b>Variable</b>	Output 2 (Customisable)
<b>Address</b>	[4351]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Real time displayed status of Digital Output 2

<b>Variable</b>	Output 3 (Customisable)
<b>Address</b>	[4352]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Real time displayed status of Digital Output 3

<b>Variable</b>	Output 4 (Customisable)
<b>Address</b>	[4353]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Real time displayed status of Digital Output 4

<b>Variable</b>	Output 5 (Customisable)
<b>Address</b>	[4354]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Real time displayed status of Digital Output 5

## MODBUS TABLE

<b>Variable</b>	Output 6 (Customisable)
<b>Address</b>	[4355]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Real time displayed status of Digital Output 6

<b>Variable</b>	Relay 1 (Customisable)
<b>Address</b>	[4356]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Real time displayed status of Relay Output 1

<b>Variable</b>	Relay 2 (Customisable)
<b>Address</b>	[4357]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Real time displayed status of Relay Output 2

## I/O CAN BUS EXPANSION

<b>Variable</b>	CANopen DI 1 (Customisable)
<b>Address</b>	[800]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 1

## MODBUS TABLE

<b>Variable</b>	CANopen DI 2 (Customisable)
<b>Address</b>	[801]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 2

<b>Variable</b>	CANopen DI 3 (Customisable)
<b>Address</b>	[802]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 3

<b>Variable</b>	CANopen DI 4 (Customisable)
<b>Address</b>	[803]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 4

<b>Variable</b>	CANopen DI 5 (Customisable)
<b>Address</b>	[804]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 5



## MODBUS TABLE

<b>Variable</b>	CANopen DI 6 (Customisable)
<b>Address</b>	[805]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 6

<b>Variable</b>	CANopen DI 7 (Customisable)
<b>Address</b>	[806]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 7

<b>Variable</b>	CANopen DI 8 (Customisable)
<b>Address</b>	[807]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 8

<b>Variable</b>	CANopen DI 9 (Customisable)
<b>Address</b>	[808]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 9

## MODBUS TABLE

<b>Variable</b>	CANopen DI 10 (Customisable)
<b>Address</b>	[809]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 10

<b>Variable</b>	CANopen DI 11 (Customisable)
<b>Address</b>	[810]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 11

<b>Variable</b>	CANopen DI 12 (Customisable)
<b>Address</b>	[811]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 12

<b>Variable</b>	CANopen DI 13 (Customisable)
<b>Address</b>	[812]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 13

## MODBUS TABLE

<b>Variable</b>	CANopen DI 14 (Customisable)
<b>Address</b>	[813]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 14

<b>Variable</b>	CANopen DI 15 (Customisable)
<b>Address</b>	[814]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 15

<b>Variable</b>	CANopen DI 16 (Customisable)
<b>Address</b>	[815]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 16

<b>Variable</b>	CANopen DI 17 (Customisable)
<b>Address</b>	[816]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 17

## MODBUS TABLE

<b>Variable</b>	CANopen DI 18 (Customisable)
<b>Address</b>	[817]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 18

<b>Variable</b>	CANopen DI 19 (Customisable)
<b>Address</b>	[818]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 19

<b>Variable</b>	CANopen DI 20 (Customisable)
<b>Address</b>	[819]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 20

<b>Variable</b>	CANopen DI 21 (Customisable)
<b>Address</b>	[820]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 21

## MODBUS TABLE

<b>Variable</b>	CANopen DI 22 (Customisable)
<b>Address</b>	[821]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 22

<b>Variable</b>	CANopen DI 23 (Customisable)
<b>Address</b>	[822]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 23

<b>Variable</b>	CANopen DI 24 (Customisable)
<b>Address</b>	[823]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 24

<b>Variable</b>	CANopen DI 25 (Customisable)
<b>Address</b>	[824]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 25

## MODBUS TABLE

<b>Variable</b>	CANopen DI 26 (Customisable)
<b>Address</b>	[825]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 26

<b>Variable</b>	CANopen DI 27 (Customisable)
<b>Address</b>	[826]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 27

<b>Variable</b>	CANopen DI 28 (Customisable)
<b>Address</b>	[827]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 28

<b>Variable</b>	CANopen DI 29 (Customisable)
<b>Address</b>	[828]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 29

## MODBUS TABLE

<b>Variable</b>	CANopen DI 30 (Customisable)
<b>Address</b>	[829]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 30

<b>Variable</b>	CANopen DI 31 (Customisable)
<b>Address</b>	[830]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 31

<b>Variable</b>	CANopen DI 32 (Customisable)
<b>Address</b>	[831]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 32

<b>Variable</b>	CANopen AI 1 (Customisable)
<b>Address</b>	[1050]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 1

## MODBUS TABLE

<b>Variable</b>	CANopen AI 2 (Customisable)
<b>Address</b>	[1051]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 2

<b>Variable</b>	CANopen AI 3 (Customisable)
<b>Address</b>	[1052]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 3

<b>Variable</b>	CANopen AI 4 (Customisable)
<b>Address</b>	[1053]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 4

<b>Variable</b>	CANopen AI 5 (Customisable)
<b>Address</b>	[1054]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 5



## MODBUS TABLE

<b>Variable</b>	CANopen AI 6 (Customisable)
<b>Address</b>	[1055]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 6

<b>Variable</b>	CANopen AI 7 (Customisable)
<b>Address</b>	[1056]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 7

<b>Variable</b>	CANopen AI 8 (Customisable)
<b>Address</b>	[1057]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 8

<b>Variable</b>	CANopen AI 9 (Customisable)
<b>Address</b>	[1058]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 9

## MODBUS TABLE

<b>Variable</b>	CANopen AI 10 (Customisable)
<b>Address</b>	[1059]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 10

<b>Variable</b>	CANopen AI 11 (Customisable)
<b>Address</b>	[1060]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 11

<b>Variable</b>	CANopen AI 12 (Customisable)
<b>Address</b>	[1061]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 12

<b>Variable</b>	CANopen AI 13 (Customisable)
<b>Address</b>	[1062]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 13

## MODBUS TABLE

<b>Variable</b>	CANopen AI 14 (Customisable)
<b>Address</b>	[1063]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 14

<b>Variable</b>	CANopen AI 15 (Customisable)
<b>Address</b>	[1064]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 15

<b>Variable</b>	CANopen AI 16 (Customisable)
<b>Address</b>	[1065]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	CANopen analog input 16

<b>Variable</b>	CANopen DI 33 (Customisable)
<b>Address</b>	[1250]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 33

## MODBUS TABLE

<b>Variable</b>	CANopen DI 34 (Customisable)
<b>Address</b>	[1251]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 34

<b>Variable</b>	CANopen DI 35 (Customisable)
<b>Address</b>	[1252]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 35

<b>Variable</b>	CANopen DI 36 (Customisable)
<b>Address</b>	[1253]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 36

<b>Variable</b>	CANopen DI 37 (Customisable)
<b>Address</b>	[1254]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 37

## MODBUS TABLE

<b>Variable</b>	CANopen DI 38 (Customisable)
<b>Address</b>	[1255]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 38

<b>Variable</b>	CANopen DI 39 (Customisable)
<b>Address</b>	[1256]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 39

<b>Variable</b>	CANopen DI 40 (Customisable)
<b>Address</b>	[1257]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 40

<b>Variable</b>	CANopen DI 41 (Customisable)
<b>Address</b>	[1258]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 41

## MODBUS TABLE

<b>Variable</b>	CANopen DI 42 (Customisable)
<b>Address</b>	[1259]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 42

<b>Variable</b>	CANopen DI 43 (Customisable)
<b>Address</b>	[1260]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 43

<b>Variable</b>	CANopen DI 44 (Customisable)
<b>Address</b>	[1261]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 44

<b>Variable</b>	CANopen DI 45 (Customisable)
<b>Address</b>	[1262]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 45

## MODBUS TABLE

<b>Variable</b>	CANopen DI 46 (Customisable)
<b>Address</b>	[1263]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 46

<b>Variable</b>	CANopen DI 47 (Customisable)
<b>Address</b>	[1264]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 47

<b>Variable</b>	CANopen DI 48 (Customisable)
<b>Address</b>	[1265]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 48

<b>Variable</b>	CANopen DI 49 (Customisable)
<b>Address</b>	[1266]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 49

## MODBUS TABLE

<b>Variable</b>	CANopen DI 50 (Customisable)
<b>Address</b>	[1267]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 50

<b>Variable</b>	CANopen DI 51 (Customisable)
<b>Address</b>	[1268]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 51

<b>Variable</b>	CANopen DI 52 (Customisable)
<b>Address</b>	[1269]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 52

<b>Variable</b>	CANopen DI 53 (Customisable)
<b>Address</b>	[1270]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 53



## MODBUS TABLE

<b>Variable</b>	CANopen DI 54 (Customisable)
<b>Address</b>	[1271]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 54

<b>Variable</b>	CANopen DI 55 (Customisable)
<b>Address</b>	[1272]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 55

<b>Variable</b>	CANopen DI 56 (Customisable)
<b>Address</b>	[1273]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 56

<b>Variable</b>	CANopen DI 57 (Customisable)
<b>Address</b>	[1274]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 57

## MODBUS TABLE

<b>Variable</b>	CANopen DI 58 (Customisable)
<b>Address</b>	[1275]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 58

<b>Variable</b>	CANopen DI 59 (Customisable)
<b>Address</b>	[1276]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 59

<b>Variable</b>	CANopen DI 60 (Customisable)
<b>Address</b>	[1277]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 60

<b>Variable</b>	CANopen DI 61 (Customisable)
<b>Address</b>	[1278]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 61

## MODBUS TABLE

<b>Variable</b>	CANopen DI 62 (Customisable)
<b>Address</b>	[1279]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 62

<b>Variable</b>	CANopen DI 63 (Customisable)
<b>Address</b>	[1280]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 63

<b>Variable</b>	CANopen DI 64 (Customisable)
<b>Address</b>	[1281]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital Input 64

<b>Variable</b>	CANopen DO 1 (Customisable)
<b>Address</b>	[4751]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 1

## MODBUS TABLE

<b>Variable</b>	CANopen DO 2 (Customisable)
<b>Address</b>	[4752]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 2

<b>Variable</b>	CANopen DO 3 (Customisable)
<b>Address</b>	[4753]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 3

<b>Variable</b>	CANopen DO 4 (Customisable)
<b>Address</b>	[4754]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 4

<b>Variable</b>	CANopen DO 5 (Customisable)
<b>Address</b>	[4755]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 5

## MODBUS TABLE

<b>Variable</b>	CANopen DO 6 (Customisable)
<b>Address</b>	[4756]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 6

<b>Variable</b>	CANopen DO 7 (Customisable)
<b>Address</b>	[4757]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 7

<b>Variable</b>	CANopen DO 8 (Customisable)
<b>Address</b>	[4758]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 8

<b>Variable</b>	CANopen DO 9 (Customisable)
<b>Address</b>	[4759]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 9

## MODBUS TABLE

<b>Variable</b>	CANopen DO 10 (Customisable)
<b>Address</b>	[4760]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 10

<b>Variable</b>	CANopen DO 11 (Customisable)
<b>Address</b>	[4761]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 11

<b>Variable</b>	CANopen DO 12 (Customisable)
<b>Address</b>	[4762]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 12

<b>Variable</b>	CANopen DO 13 (Customisable)
<b>Address</b>	[4763]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 13

## MODBUS TABLE

<b>Variable</b>	CANopen DO 14 (Customisable)
<b>Address</b>	[4764]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 14

<b>Variable</b>	CANopen DO 15 (Customisable)
<b>Address</b>	[4765]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 15

<b>Variable</b>	CANopen DO 16 (Customisable)
<b>Address</b>	[4766]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 16

<b>Variable</b>	CANopen DO 17 (Customisable)
<b>Address</b>	[4767]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 17

## MODBUS TABLE

<b>Variable</b>	CANopen DO 18 (Customisable)
<b>Address</b>	[4768]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 18

<b>Variable</b>	CANopen DO 19 (Customisable)
<b>Address</b>	[4769]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 19

<b>Variable</b>	CANopen DO 20 (Customisable)
<b>Address</b>	[4770]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 20

<b>Variable</b>	CANopen DO 21 (Customisable)
<b>Address</b>	[4771]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 21



## MODBUS TABLE

<b>Variable</b>	CANopen DO 22 (Customisable)
<b>Address</b>	[4772]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 22

<b>Variable</b>	CANopen DO 23 (Customisable)
<b>Address</b>	[4773]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 23

<b>Variable</b>	CANopen DO 24 (Customisable)
<b>Address</b>	[4774]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 24

<b>Variable</b>	CANopen DO 25 (Customisable)
<b>Address</b>	[4775]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 25

## MODBUS TABLE

<b>Variable</b>	CANopen DO 26 (Customisable)
<b>Address</b>	[4776]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 26

<b>Variable</b>	CANopen DO 27 (Customisable)
<b>Address</b>	[4777]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 27

<b>Variable</b>	CANopen DO 28 (Customisable)
<b>Address</b>	[4778]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 28

<b>Variable</b>	CANopen DO 29 (Customisable)
<b>Address</b>	[4779]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 29

## MODBUS TABLE

<b>Variable</b>	CANopen DO 30 (Customisable)
<b>Address</b>	[4780]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 30

<b>Variable</b>	CANopen DO 31 (Customisable)
<b>Address</b>	[4781]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 31

<b>Variable</b>	CANopen DO 32 (Customisable)
<b>Address</b>	[4782]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 32

<b>Variable</b>	CANopen DO 33 (Customisable)
<b>Address</b>	[5100]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 33

## MODBUS TABLE

<b>Variable</b>	CANopen DO 34 (Customisable)
<b>Address</b>	[5101]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 34

<b>Variable</b>	CANopen DO 35 (Customisable)
<b>Address</b>	[5102]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 35

<b>Variable</b>	CANopen DO 36 (Customisable)
<b>Address</b>	[5103]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 36

<b>Variable</b>	CANopen DO 37 (Customisable)
<b>Address</b>	[5104]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 37

## MODBUS TABLE

<b>Variable</b>	CANopen DO 38 (Customisable)
<b>Address</b>	[5105]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 38

<b>Variable</b>	CANopen DO 39 (Customisable)
<b>Address</b>	[5106]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 39

<b>Variable</b>	CANopen DO 40 (Customisable)
<b>Address</b>	[5107]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 40

<b>Variable</b>	CANopen DO 41 (Customisable)
<b>Address</b>	[5108]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 41

## MODBUS TABLE

<b>Variable</b>	CANopen DO 42 (Customisable)
<b>Address</b>	[5109]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 42

<b>Variable</b>	CANopen DO 43 (Customisable)
<b>Address</b>	[5110]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 43

<b>Variable</b>	CANopen DO 44 (Customisable)
<b>Address</b>	[5111]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 44

<b>Variable</b>	CANopen DO 45 (Customisable)
<b>Address</b>	[5112]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 45

## MODBUS TABLE

<b>Variable</b>	CANopen DO 46 (Customisable)
<b>Address</b>	[5113]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 46

<b>Variable</b>	CANopen DO 47 (Customisable)
<b>Address</b>	[5114]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 47

<b>Variable</b>	CANopen DO 48 (Customisable)
<b>Address</b>	[5115]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 48

<b>Variable</b>	CANopen DO 49 (Customisable)
<b>Address</b>	[5116]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 49

## MODBUS TABLE

<b>Variable</b>	CANopen DO 50 (Customisable)
<b>Address</b>	[5117]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 50

<b>Variable</b>	CANopen DO 51 (Customisable)
<b>Address</b>	[5118]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 51

<b>Variable</b>	CANopen DO 52 (Customisable)
<b>Address</b>	[5119]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 52

<b>Variable</b>	CANopen DO 53 (Customisable)
<b>Address</b>	[5120]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 53



## MODBUS TABLE

<b>Variable</b>	CANopen DO 54 (Customisable)
<b>Address</b>	[5121]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 54

<b>Variable</b>	CANopen DO 55 (Customisable)
<b>Address</b>	[5122]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 55

<b>Variable</b>	CANopen DO 56 (Customisable)
<b>Address</b>	[5123]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 56

<b>Variable</b>	CANopen DO 57 (Customisable)
<b>Address</b>	[5124]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 57

## MODBUS TABLE

<b>Variable</b>	CANopen DO 58 (Customisable)
<b>Address</b>	[5125]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 58

<b>Variable</b>	CANopen DO 59 (Customisable)
<b>Address</b>	[5126]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 59

<b>Variable</b>	CANopen DO 60 (Customisable)
<b>Address</b>	[5127]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 60

<b>Variable</b>	CANopen DO 61 (Customisable)
<b>Address</b>	[5128]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 61

## MODBUS TABLE

<b>Variable</b>	CANopen DO 62 (Customisable)
<b>Address</b>	[5129]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 62

<b>Variable</b>	CANopen DO 63 (Customisable)
<b>Address</b>	[5130]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 63

<b>Variable</b>	CANopen DO 64 (Customisable)
<b>Address</b>	[5131]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	CANopen digital output 64

## POWER PLANT

<b>Variable</b>	Total generator kW on my segment
<b>Address</b>	[25]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Power produced by all generators on the current busbar segment

## MODBUS TABLE

<b>Variable</b>	Total generator kVAR on my segment
<b>Address</b>	[26]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Reactive power produced by all generators on the current busbar segment

<b>Variable</b>	Global generators $\cos(\varphi)$ on my segment
<b>Address</b>	[27]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Generators power factor on the current busbar segment

<b>Variable</b>	Total mains kW on my segment
<b>Address</b>	[28]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Power produced by all mains on the current busbar segment

<b>Variable</b>	Total mains kVAR on my segment
<b>Address</b>	[29]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Reactive power produced by all mains on the current busbar segment

## MODBUS TABLE

<b>Variable</b>	Global mains cos( $\varphi$ ) on my segment
<b>Address</b>	[30]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Mains power factor on the current busbar segment

<b>Variable</b>	Total renewable energies kW on my segment
<b>Address</b>	[31]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Power produced by all renewable energies on the current busbar segment

<b>Variable</b>	Total renewable energies kVAR on my segment
<b>Address</b>	[32]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Reactive power produced by all renewable energies on the current busbar segment

<b>Variable</b>	Global renewable energies cos( $\varphi$ ) on my segment
<b>Address</b>	[33]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Renewable energies power factor on the current busbar segment

## MODBUS TABLE

<b>Variable</b>	Total battery inverters kW on my segment
<b>Address</b>	[34]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Power produced by all battery inverters on the current busbar segment

<b>Variable</b>	Total battery inverters kVAR on my segment
<b>Address</b>	[35]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Reactive power produced by all battery inverters on the current busbar segment

<b>Variable</b>	Global battery inverters $\cos(\varphi)$ on my segment
<b>Address</b>	[36]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Battery inverters power factor on the current busbar segment

<b>Variable</b>	Load kW on my segment
<b>Address</b>	[37]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Power consumed on the current busbar segment

## MODBUS TABLE

<b>Variable</b>	Load kVAR on my segment
<b>Address</b>	[38]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Reactive power consumed on the current busbar segment

<b>Variable</b>	Load power factor on my segment
<b>Address</b>	[39]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	-32500
<b>Max value</b>	32500
<b>Description</b>	Load power factor on the current busbar segment

<b>Variable</b>	Number of generator on bus
<b>Address</b>	[568]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	32
<b>Description</b>	Count of GE with breaker closed

<b>Variable</b>	Actual segment
<b>Address</b>	[4030]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	1
<b>Max value</b>	33
<b>Description</b>	Actual segment

## MODBUS TABLE

<b>Variable</b>	Mains presence on the driven segment
<b>Address</b>	[4032]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	There is currently a mains closed on the driven segment

<b>Variable</b>	Reverse synchronization direction
<b>Address</b>	[4052]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Reverse direction

## SOURCE A PROTECTIONS

<b>Variable</b>	Fail to synchronize
<b>Address</b>	[4051]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	The automated system does not manage to synchronize the voltages on both sides of the circuit breaker (Check that the speed regulation and the AVR are controlled in the right range and adjust the PID settings)



## COMMUNICATION

<b>Variable</b>	Controller communication fault
<b>Address</b>	[600]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Communication cannot be established. Check the wiring between the controllers, the product number and the number of controllers declared for each part number.

<b>Variable</b>	Missing GENSYS COMPACT PRIME
<b>Address</b>	[605]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Missing at least one GENSYS COMPACT PRIME module on the CAN bus

<b>Variable</b>	Missing MASTER COMPACT or BTB COMPACT
<b>Address</b>	[608]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Absence of at least one MASTER COMPACT or BTB COMPACT module on the CAN bus

## MODBUS TABLE

<b>Variable</b>	Missing HYBRID COMPACT
<b>Address</b>	[612]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Missing at least one HYBRID module on the CAN bus

<b>Variable</b>	Missing BAT COMPACT
<b>Address</b>	[613]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Missing at least one BAT COMPACT module on the CAN Bus

<b>Variable</b>	CANopen fault
<b>Address</b>	[4750]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Communication with I/O extension cannot be established. Check the wiring and power supply of the CANopen extension module

## SYSTEM

<b>Variable</b>	Day of the week
<b>Address</b>	[10]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	6
<b>Description</b>	Day of the week (RTC)

<b>Variable</b>	Day
<b>Address</b>	[11]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	1
<b>Max value</b>	31
<b>Description</b>	Day (RTC)

<b>Variable</b>	Month
<b>Address</b>	[12]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	1
<b>Max value</b>	12
<b>Description</b>	Month (RTC)

## MODBUS TABLE

<b>Variable</b>	Year
<b>Address</b>	[13]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	99
<b>Description</b>	Year (RTC)

<b>Variable</b>	Hours
<b>Address</b>	[14]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	23
<b>Description</b>	Hours (RTC)

<b>Variable</b>	Minutes
<b>Address</b>	[15]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	59
<b>Description</b>	Minutes (RTC)

<b>Variable</b>	Seconds
<b>Address</b>	[16]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	59
<b>Description</b>	Seconds (RTC)

## MODBUS TABLE

<b>Variable</b>	100ms
<b>Address</b>	[17]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	9
<b>Description</b>	100ms timer (Internal)

<b>Variable</b>	Load uC
<b>Address</b>	[18]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Microcontroler load (i.e nb run in main loop during 1s )

<b>Variable</b>	Overload uC
<b>Address</b>	[19]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Alarm activated when a microcontroller overload occurs

<b>Variable</b>	State
<b>Address</b>	[4000]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	255
<b>Description</b>	Active power regulation mode (Power state machine)

## MODBUS TABLE

<b>Variable</b>	Internal timer test
<b>Address</b>	[4025]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Timer test variable

<b>Variable</b>	Easyflex warning
<b>Address</b>	[4213]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Overflow in equation

<b>Variable</b>	Easyflex error code
<b>Address</b>	[4214]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Easyflex equation error (100*Line number + error code)

## STATUSES

<b>Variable</b>	Phase sequence match
<b>Address</b>	[306]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Identical phase order on both sides of the circuit breaker (OK = 1 or NOK = 0)

## MODBUS TABLE

<b>Variable</b>	Voltage match
<b>Address</b>	[307]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Identical voltage amplitudes on both sides of the circuit breaker (OK = 1 or NOK = 0)

<b>Variable</b>	Frequency match
<b>Address</b>	[308]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Identical frequencies on both sides of the circuit breaker (OK = 1 or NOK = 0)

<b>Variable</b>	Phase match
<b>Address</b>	[309]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	The phase difference between the voltages on either side of the circuit breaker is zero (OK = 1 or NOK = 0)

<b>Variable</b>	Synch check relay OK
<b>Address</b>	[310]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Active if the sources are synchronized on both sides of circuit breaker (OK = 1 or Not OK = 0). Do not confuse with the closing order.

## MODBUS TABLE

<b>Variable</b>	Close breaker request
<b>Address</b>	[4007]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Active if the automatism wants to close the breaker. Inactive if the automatism wants to open the breaker.

<b>Variable</b>	Mode : 0=Manu / 1=Test / 2=Auto
<b>Address</b>	[4008]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	2
<b>Description</b>	Mode auto/manu/test (0=MANU/1=TEST/2=AUTO)

<b>Variable</b>	Electrical faults summary
<b>Address</b>	[4656]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Fault report: Active if at least one protection configured as an electrical fault is active.

<b>Variable</b>	Alarms summary
<b>Address</b>	[4658]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Fault report: Active if at least one protection configured as an alarm is active.



## MODBUS TABLE

<b>Variable</b>	Soft shut down summary
<b>Address</b>	[4659]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Fault report:Active if at least one protection configured as Soft shut down is active.

<b>Variable</b>	Default LED
<b>Address</b>	[4664]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active if the fault LED on the front of the product is lit (active on fault, reset on acknowledge and reset command).

<b>Variable</b>	Alarm LED
<b>Address</b>	[4665]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active if the alarm LED on the front of the product is lit (active on alarm, reset on acknowledge and reset command).

<b>Variable</b>	Auto mode LED
<b>Address</b>	[4666]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active if the Auto mode LED on the front of the product is lit

## MODBUS TABLE

<b>Variable</b>	Test mode LED
<b>Address</b>	[4667]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active if the Test mode LED on the front of the product is lit

<b>Variable</b>	Manu mode LED
<b>Address</b>	[4668]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active if the Manu mode LED on the front of the product is lit

<b>Variable</b>	Source A LED
<b>Address</b>	[4669]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active if the Source A LED on the front of the product is lit

<b>Variable</b>	Protection validation
<b>Address</b>	[4681]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active when all protections are activated after starting sequence (Under frequency, under voltage, oil pressure, temperature, etc...)

## MODBUS TABLE

<b>Variable</b>	Breaker LED
<b>Address</b>	[4734]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active if the Breaker LED on the front of the product is lit

<b>Variable</b>	Source B LED
<b>Address</b>	[4736]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Status report: Active if the Source B LED on the front of the product is lit

## HYSTERESIS

<b>Variable</b>	Hysteresis 1 output
<b>Address</b>	[4710]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Activation of analog Hysteresis function n°1, configuration of function is in Configuration/programming/Hysteresis

## MODBUS TABLE

<b>Variable</b>	Hysteresis 2 output
<b>Address</b>	[4711]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Activation of analog Hysteresis function n°2, configuration of function is in Configuration/programming/Hysteresis

<b>Variable</b>	Hysteresis 3 output
<b>Address</b>	[4712]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Activation of analog Hysteresis function n°3, configuration of function is in Configuration/programming/Hysteresis

<b>Variable</b>	Hysteresis output activation on DI1
<b>Address</b>	[4713]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Output activation for 'Hysteresis on digital input' n°1. Function is managed by configurable low/high digital inputs in Digital Input menu.

## MODBUS TABLE

<b>Variable</b>	Hysteresis output activation on DI2
<b>Address</b>	[4714]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Output activation for 'Hysteresis on digital input' n°2. Function is managed by configurable low/high digital inputs in Digital Input menu.

<b>Variable</b>	Hysteresis output activation on DI3
<b>Address</b>	[4715]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Output activation for 'Hysteresis on digital input' n°3. Function is managed by configurable low/high digital inputs in Digital Input menu.

<b>Variable</b>	Hysteresis output activation on DI4
<b>Address</b>	[4716]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Output activation for 'Hysteresis on digital input' n°4. Function is managed by configurable low/high digital inputs in Digital Input menu.

## MODBUS TABLE

<b>Variable</b>	Hysteresis output activation on DI5
<b>Address</b>	[4717]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Output activation for 'Hysteresis on digital input' n°5. Function is managed by configurable low/high digital inputs in Digital Input menu.

<b>Variable</b>	Hysteresis output activation on DI6
<b>Address</b>	[4718]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Output activation for 'Hysteresis on digital input' n°6. Function is managed by configurable low/high digital inputs in Digital Input menu.

<b>Variable</b>	Hysteresis output activation on DI7
<b>Address</b>	[4719]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Output activation for 'Hysteresis on digital input' n°7. Function is managed by configurable low/high digital inputs in Digital Input menu.

## MODBUS TABLE

<b>Variable</b>	Hysteresis output activation on DI8
<b>Address</b>	[4720]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Output activation for 'Hysteresis on digital input' n°8. Function is managed by configurable low/high digital inputs in Digital Input menu.

## PARAMETERS

### SOURCE A

<b>Variable</b>	PT ratio
<b>Address</b>	[2100]
<b>Scale Factor</b>	2
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	<p>This parameter allows you to set the ratio between the voltage present on the busbar and the voltage connected to the module.</p> <p>Example: Busbar voltage 20.000Vac / Voltage connected to the module 100 Vac:  PT ratio value = <math>20.000/100 = 200</math>.</p> <p>This PT ratio can be calculated or is indicated on the measuring transformers.</p>

<b>Variable</b>	Nominal voltage
<b>Address</b>	[2102]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	<p>This parameter is used to set the nominal voltage:</p> <ul style="list-style-type: none"> <li>- Three-phase and two-phase: Enter a phase-to-phase voltage.</li> <li>- Single-phase: Enter a phase-to-neutral voltage.</li> </ul> <p>All the protections based on the voltage as well as the control loops are calculated as a percentage of this value.</p> <p>For low voltage (400VAC, 440VAC, 480VAC, etc...) or high voltage (20.000VAC, 33.000VAC, etc...) applications, this variable must be adjusted.</p>

<b>Variable</b>	Nominal active power
<b>Address</b>	[2111]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	32500
<b>Description</b>	This setpoint adjusts the kW nominal power of the power plant



## MODBUS TABLE

<b>Variable</b>	Nominal reactive power
<b>Address</b>	[2112]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	32500
<b>Description</b>	This setpoint adjusts the kVAR nominal power of the power plant

<b>Variable</b>	Nominal frequency
<b>Address</b>	[2153]
<b>Scale Factor</b>	2
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	This parameter is used to set the nominal frequency. All the protections based on the frequency as well as the control loops are calculated as a percentage of this value. For 50 or 60 Hz applications, this variable must be adjusted.

<b>Variable</b>	Generator circuit breaker control type
<b>Address</b>	[2300]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Open Contact - Close Pulse 1: Open Contact - Close Contact 2: Open MNcoil - Close Pulse 3: Open MNcoil - Close Contact 4: Open Pulse - Close Pulse 5: Open Pulse - Close Contact
<b>Description</b>	Control type of the relay for the bus circuit breaker of the genset (pulse, hold, coil...)

## MODBUS TABLE

<b>Variable</b>	Generator breaker control pulse length
<b>Address</b>	[2301]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	100
<b>Description</b>	Bus circuit breaker pulse length

<b>Variable</b>	Undervoltage coil deenergized time
<b>Address</b>	[2302]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	100
<b>Description</b>	Time during which the coil is no longer energized after a request to open the circuit breaker.

<b>Variable</b>	Undervoltage coil security timer
<b>Address</b>	[2303]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	100
<b>Description</b>	Minimum safety time between the moment the coil has been reenergized and the next request to close the circuit breaker.

## MODBUS TABLE

<b>Variable</b>	Voltage acceptance
<b>Address</b>	[2800]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	120
<b>Description</b>	Maximum voltage difference (in % of the nominal value) between the voltages on either side of the circuit breaker to allow closing.

<b>Variable</b>	Frequency acceptance
<b>Address</b>	[2801]
<b>Scale Factor</b>	2
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	20
<b>Description</b>	Maximum frequency difference between the voltages on either side of the circuit breaker to allow closing.

<b>Variable</b>	Phase Angle acceptance
<b>Address</b>	[2802]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	30
<b>Description</b>	Maximum phase difference between the voltages on either side of the circuit breaker to allow closing.

## MODBUS TABLE

<b>Variable</b>	Fail to synchronize timer
<b>Address</b>	[2803]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Time after which the product will activate an alarm if it remains in synchronization without ever being able to give the closing command. Activation of this alarm means that the synchronization control loops are incorrectly set.

<b>Variable</b>	Action on fail to synchronize
<b>Address</b>	[2804]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Synchronization back timer
<b>Address</b>	[2806]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This setpoint adjusts the synchronization back timer. It sets the time to wait to start again synchronization sequence after a 'bus electrical fault' protection.

## MODBUS TABLE

<b>Variable</b>	Synchronization Back attempts number
<b>Address</b>	[2807]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	This setpoint adjusts the synchronization back attempts number. It sets the attempt number to start again a synchronization after a 'bus electrical fault' protection.

<b>Variable</b>	C2S dwell time
<b>Address</b>	[2809]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	100
<b>Description</b>	Synchronization dwell time before closing breaker

<b>Variable</b>	Phase offset
<b>Address</b>	[2812]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-180
<b>Max value</b>	180
<b>Description</b>	Phase offset for synch. check relay (Ex: Dyn11)

## MODBUS TABLE

<b>Variable</b>	Gain Synch
<b>Address</b>	[2904]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	100
<b>Description</b>	This variable sets the global Gain of phase synchronization PID. The global Gain is the multiplier of the proportional, integral and derivative values. A too high value will cause a pumping, a too low value will cause a low reaction, We can compare it to a nervousness Gain.

<b>Variable</b>	Proport. Synch
<b>Address</b>	[2905]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	100
<b>Description</b>	<p>This parameter should only be changed if the system has not been correctly regulated by changing the Gain alone. In this case, refer to the chapter "Control Loop PID" in the technical documentation of your product for a step-by-step method of adjustment.</p> <p>As a general rule :</p> <ul style="list-style-type: none"> <li>- G must remain fixed, neither too low nor too high, it multiplies the 3 other components</li> <li>- Set P, I and D to 0</li> <li>- Increase P until you have a system that corrects quickly enough, without major instabilities. In most cases, an error persists between the measurement and the setpoint (value to be reached).</li> <li>- Increase I to correct this persistent error over time.</li> <li>- Increase D to reduce the oscillations, if they exist.</li> </ul> <p>Phase regulation is active during synchronization if the frequency of the generator(s) is close to the frequency setpoint (value to be reached for coupling). When the generator frequency is too far from the frequency setpoint, the phase regulation is not active, only the frequency regulation is.</p> <p>Therefore, to correctly adjust the phase regulation, it is necessary to have a frequency on the generator close to the frequency setpoint, by modifying the offset for example, or by having correctly adjusted the frequency regulation beforehand.</p>

## MODBUS TABLE

<b>Variable</b>	Integral Synch
<b>Address</b>	[2906]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	100
<b>Description</b>	<p>This parameter should only be changed if the system has not been correctly regulated by changing the Gain alone. In this case, refer to the chapter "Control Loop PID" in the technical documentation of your product for a step-by-step method of adjustment.</p> <p>As a general rule :</p> <ul style="list-style-type: none"> <li>- G must remain fixed, neither too low nor too high, it multiplies the 3 other components</li> <li>- Set P, I and D to 0</li> <li>- Increase P until you have a system that corrects quickly enough, without major instabilities. In most cases, an error persists between the measurement and the setpoint (value to be reached).</li> <li>- Increase I to correct this persistent error over time.</li> <li>- Increase D to reduce the oscillations, if they exist.</li> </ul> <p>Phase regulation is active during synchronization if the frequency of the generator(s) is close to the frequency setpoint (value to be reached for coupling). When the generator frequency is too far from the frequency setpoint, the phase regulation is not active, only the frequency regulation is.</p> <p>Therefore, to correctly adjust the phase regulation, it is necessary to have a frequency on the generator close to the frequency setpoint, by modifying the offset for example, or by having correctly adjusted the frequency regulation beforehand.</p>

## MODBUS TABLE

<b>Variable</b>	Derivate Synch
<b>Address</b>	[2907]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	100
<b>Description</b>	<p>This parameter should only be changed if the system has not been correctly regulated by changing the Gain alone. In this case, refer to the chapter "Control Loop PID" in the technical documentation of your product for a step-by-step method of adjustment.</p> <p>As a general rule :</p> <ul style="list-style-type: none"> <li>- G must remain fixed, neither too low nor too high, it multiplies the 3 other components</li> <li>- Set P, I and D to 0</li> <li>- Increase P until you have a system that corrects quickly enough, without major instabilities. In most cases, an error persists between the measurement and the setpoint (value to be reached).</li> <li>- Increase I to correct this persistent error over time.</li> <li>- Increase D to reduce the oscillations, if they exist.</li> </ul> <p>Phase regulation is active during synchronization if the frequency of the generator(s) is close to the frequency setpoint (value to be reached for coupling). When the generator frequency is too far from the frequency setpoint, the phase regulation is not active, only the frequency regulation is.</p> <p>Therefore, to correctly adjust the phase regulation, it is necessary to have a frequency on the generator close to the frequency setpoint, by modifying the offset for example, or by having correctly adjusted the frequency regulation beforehand.</p>

## SOURCE B

<b>Variable</b>	PT ratio
<b>Address</b>	[2150]
<b>Scale Factor</b>	2
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	<p>This parameter allows you to set the ratio between the voltage present on the busbar and the voltage connected to the module.</p> <p>Example: Busbar voltage 20.000Vac / Voltage connected to the module 100 Vac:  PT ratio value = 20.000/100 = 200.</p> <p>This PT ratio can be calculated or is indicated on the measuring transformers.</p>



## MODBUS TABLE

<b>Variable</b>	Nominal voltage
<b>Address</b>	[2152]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	<p>This parameter is used to set the nominal voltage:</p> <ul style="list-style-type: none"> <li>- Three-phase and two-phase: Enter a phase-to-phase voltage.</li> <li>- Single-phase: Enter a phase-to-neutral voltage.</li> </ul> <p>All the protections based on the voltage are calculated as a percentage of this value.</p> <p>For low voltage (400VAC, 440VAC, 480VAC, etc...) or high voltage (20.000VAC, 33.000VAC, etc...) applications, this variable must be adjusted.</p>

<b>Variable</b>	Nominal active power
<b>Address</b>	[2157]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	32500
<b>Description</b>	This setpoint adjusts the kW nominal power of the power plant

<b>Variable</b>	Nominal reactive power
<b>Address</b>	[2158]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	32500
<b>Description</b>	This setpoint adjusts the kVAR nominal power of the power plant

## INPUTS/OUTPUTS

<b>Variable</b>	Validity on analog input 1
<b>Address</b>	[2681]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Analog input 1 validity when set as digital input (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on analog input 2
<b>Address</b>	[2682]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Analog input 2 validity when set as digital input (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on analog input 3
<b>Address</b>	[2683]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Analog input 3 validity when set as digital input (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Polarity NO/NC on AI 1
<b>Address</b>	[2684]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Analog input 1 when set as digital input (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NO/NC on AI 2
<b>Address</b>	[2685]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Analog input 2 when set as digital input (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NO/NC on AI 3
<b>Address</b>	[2686]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Analog input 3 when set as digital input (0=Normaly Open/1=Normaly Close)

## MODBUS TABLE

<b>Variable</b>	Delay on AI activation 1
<b>Address</b>	[2687]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Activation delay of Analog input 1 when set as digital input

<b>Variable</b>	Delay on AI activation 2
<b>Address</b>	[2688]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Activation delay of Analog input 2 when set as digital input

<b>Variable</b>	Delay on AI activation 3
<b>Address</b>	[2689]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Activation delay of Analog input 3 when set as digital input

<b>Variable</b>	Timer ON Digital Input 1
<b>Address</b>	[2709]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 1 activation timer

## MODBUS TABLE

<b>Variable</b>	Timer ON Digital Input 2
<b>Address</b>	[2710]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 2 activation timer

<b>Variable</b>	Timer ON Digital Input 3
<b>Address</b>	[2711]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 3 activation timer

<b>Variable</b>	Timer ON Digital Input 4
<b>Address</b>	[2712]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 4 activation timer

<b>Variable</b>	Timer ON Digital Input 5
<b>Address</b>	[2713]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 5 activation timer

## MODBUS TABLE

<b>Variable</b>	Timer ON Digital Input 6
<b>Address</b>	[2714]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 6 activation timer

<b>Variable</b>	Timer ON Digital Input 7
<b>Address</b>	[2715]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 7 activation timer

<b>Variable</b>	Timer ON Digital Input 8
<b>Address</b>	[2716]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 8 activation timer

<b>Variable</b>	Timer ON Digital Input 9
<b>Address</b>	[2717]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 9 activation timer

## MODBUS TABLE

<b>Variable</b>	Timer OFF Digital Input 1
<b>Address</b>	[2718]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 1 desactivation timer

<b>Variable</b>	Timer OFF Digital Input 2
<b>Address</b>	[2719]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 2 desactivation timer

<b>Variable</b>	Timer OFF Digital Input 3
<b>Address</b>	[2720]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 3 desactivation timer

<b>Variable</b>	Timer OFF Digital Input 4
<b>Address</b>	[2721]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 4 desactivation timer

## MODBUS TABLE

<b>Variable</b>	Timer OFF Digital Input 5
<b>Address</b>	[2722]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 5 desactivation timer

<b>Variable</b>	Timer OFF Digital Input 6
<b>Address</b>	[2723]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 6 desactivation timer

<b>Variable</b>	Timer OFF Digital Input 7
<b>Address</b>	[2724]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 7 desactivation timer

<b>Variable</b>	Timer OFF Digital Input 8
<b>Address</b>	[2725]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 8 desactivation timer



## MODBUS TABLE

<b>Variable</b>	Timer OFF Digital Input 9
<b>Address</b>	[2726]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital Input 9 desactivation timer

<b>Variable</b>	Validity on digital input 1
<b>Address</b>	[2727]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 1 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on digital input 2
<b>Address</b>	[2728]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 2 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on digital input 3
<b>Address</b>	[2729]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 3 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on digital input 4
<b>Address</b>	[2730]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 4 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on digital input 5
<b>Address</b>	[2731]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 5 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on digital input 6
<b>Address</b>	[2732]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 6 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on digital input 7
<b>Address</b>	[2733]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 7 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on digital input 8
<b>Address</b>	[2734]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 8 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on digital input 9
<b>Address</b>	[2735]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Digital Input 9 activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Polarity NO/NC on DI 1
<b>Address</b>	[2736]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 1 (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NO/NC on DI 2
<b>Address</b>	[2737]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 2 (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NO/NC on DI 3
<b>Address</b>	[2738]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 3 (0=Normaly Open/1=Normaly Close)

## MODBUS TABLE

<b>Variable</b>	Polarity NO/NC on DI 4
<b>Address</b>	[2739]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 4 (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NO/NC on DI 5
<b>Address</b>	[2740]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 5 (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NO/NC on DI 6
<b>Address</b>	[2741]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 6 (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NO/NC on DI 7
<b>Address</b>	[2742]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 7 (0=Normaly Open/1=Normaly Close)

## MODBUS TABLE

<b>Variable</b>	Polarity NO/NC on DI 8
<b>Address</b>	[2743]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 8 (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NO/NC on DI 9
<b>Address</b>	[2744]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of Digital Input 9 (0=Normaly Open/1=Normaly Close)

<b>Variable</b>	Polarity NE/ND DO 1
<b>Address</b>	[2751]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Polarity (0=Normaly De-energized / 1=Normaly Energized) Digital output 1

<b>Variable</b>	Polarity NE/ND DO 2
<b>Address</b>	[2752]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Polarity (0=Normaly De-energized / 1=Normaly Energized) Digital output 2

## MODBUS TABLE

<b>Variable</b>	Polarity NE/ND DO 3
<b>Address</b>	[2753]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Polarity (0=Normaly De-energized / 1=Normaly Energized) Digital output 3

<b>Variable</b>	Polarity NE/ND DO 4
<b>Address</b>	[2754]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Polarity (0=Normaly De-energized / 1=Normaly Energized) Digital output 4

<b>Variable</b>	Polarity NE/ND DO 5
<b>Address</b>	[2755]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Polarity (0=Normaly De-energized / 1=Normaly Energized) Digital output 5

<b>Variable</b>	Polarity NE/ND DO 6
<b>Address</b>	[2756]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Polarity (0=Normaly De-energized / 1=Normaly Energized) Digital output 6

## MODBUS TABLE

<b>Variable</b>	Direction NO/NC Relay 1
<b>Address</b>	[2759]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Relay 1 Direction (0=Normaly Open / 1=Normaly Closed)

<b>Variable</b>	Direction NO/NC Relay 2
<b>Address</b>	[2760]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Relay 2 Direction (0=Normaly Open / 1=Normaly Closed)

<b>Variable</b>	Pulse length DO 1
<b>Address</b>	[2761]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital ouput 1 pulse timer (0 = no pulse, continous activation)

<b>Variable</b>	Pulse length DO 2
<b>Address</b>	[2762]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital ouput 2 pulse timer (0 = no pulse, continous activation)



## MODBUS TABLE

<b>Variable</b>	Pulse length DO 3
<b>Address</b>	[2763]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital ouput 3 pulse timer (0 = no pulse, continous activation)

<b>Variable</b>	Pulse length DO 4
<b>Address</b>	[2764]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital ouput 4 pulse timer (0 = no pulse, continous activation)

<b>Variable</b>	Pulse length DO 5
<b>Address</b>	[2765]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital ouput 5 pulse timer (0 = no pulse, continous activation)

<b>Variable</b>	Pulse length DO 6
<b>Address</b>	[2766]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Digital ouput 6 pulse timer (0 = no pulse, continous activation)

## MODBUS TABLE

<b>Variable</b>	Pulse length R 1
<b>Address</b>	[2767]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Relay output 1 pulse timer (0 = no pulse, continuous activation)

<b>Variable</b>	Pulse length R 2
<b>Address</b>	[2768]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Relay output 2 pulse timer (0 = no pulse, continuous activation)

<b>Variable</b>	Activation delay DO 01
<b>Address</b>	[2793]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Delay before physical activation of logic output 1

<b>Variable</b>	Activation delay DO 02
<b>Address</b>	[2794]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Delay before physical activation of logic output 2

## MODBUS TABLE

<b>Variable</b>	Activation delay DO 03
<b>Address</b>	[2795]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Delay before physical activation of logic output 3

<b>Variable</b>	Activation delay DO 04
<b>Address</b>	[2796]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Delay before physical activation of logic output 4

<b>Variable</b>	Activation delay DO 05
<b>Address</b>	[2797]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Delay before physical activation of logic output 5

<b>Variable</b>	Activation delay DO 06
<b>Address</b>	[2798]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Delay before physical activation of logic output 6

## MODBUS TABLE

<b>Variable</b>	Activation delay relay 1
<b>Address</b>	[8250]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Delay before physical activation of relay 1

<b>Variable</b>	Activation delay relay 2
<b>Address</b>	[8251]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Delay before physical activation of relay 2

## I/O CAN BUS EXPANSION

<b>Variable</b>	CANopenTM I1
<b>Address</b>	[3232]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I2
<b>Address</b>	[3233]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I3
<b>Address</b>	[3234]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I4
<b>Address</b>	[3235]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I5
<b>Address</b>	[3236]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I6
<b>Address</b>	[3237]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I7
<b>Address</b>	[3238]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I8
<b>Address</b>	[3239]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I9
<b>Address</b>	[3240]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I10
<b>Address</b>	[3241]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I11
<b>Address</b>	[3242]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I12
<b>Address</b>	[3243]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I13
<b>Address</b>	[3244]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change



## MODBUS TABLE

<b>Variable</b>	CANopenTM I14
<b>Address</b>	[3245]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I15
<b>Address</b>	[3246]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I16
<b>Address</b>	[3247]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I17
<b>Address</b>	[3248]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I18
<b>Address</b>	[3249]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I19
<b>Address</b>	[3250]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I20
<b>Address</b>	[3251]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I21
<b>Address</b>	[3252]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I22
<b>Address</b>	[3253]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I23
<b>Address</b>	[3254]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I24
<b>Address</b>	[3255]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I25
<b>Address</b>	[3256]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I26
<b>Address</b>	[3257]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I27
<b>Address</b>	[3258]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I28
<b>Address</b>	[3259]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I29
<b>Address</b>	[3260]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I30
<b>Address</b>	[3261]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I31
<b>Address</b>	[3262]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I32
<b>Address</b>	[3263]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	Validity on CANopen digital input 1
<b>Address</b>	[3264]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 2
<b>Address</b>	[3265]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 3
<b>Address</b>	[3266]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 4
<b>Address</b>	[3267]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 5
<b>Address</b>	[3268]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 6
<b>Address</b>	[3269]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 7
<b>Address</b>	[3270]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)



## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 8
<b>Address</b>	[3271]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 9
<b>Address</b>	[3272]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 10
<b>Address</b>	[3273]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 11
<b>Address</b>	[3274]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 12
<b>Address</b>	[3275]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 13
<b>Address</b>	[3276]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 14
<b>Address</b>	[3277]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 15
<b>Address</b>	[3278]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 16
<b>Address</b>	[3279]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 17
<b>Address</b>	[3280]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 18
<b>Address</b>	[3281]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 19
<b>Address</b>	[3282]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 20
<b>Address</b>	[3283]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 21
<b>Address</b>	[3284]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 22
<b>Address</b>	[3285]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 23
<b>Address</b>	[3286]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 24
<b>Address</b>	[3287]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 25
<b>Address</b>	[3288]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 26
<b>Address</b>	[3289]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 27
<b>Address</b>	[3290]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 28
<b>Address</b>	[3291]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 29
<b>Address</b>	[3292]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 30
<b>Address</b>	[3293]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 31
<b>Address</b>	[3294]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 32
<b>Address</b>	[3295]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	CANopenDir I1
<b>Address</b>	[3296]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I2
<b>Address</b>	[3297]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I3
<b>Address</b>	[3298]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I4
<b>Address</b>	[3299]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I5
<b>Address</b>	[3300]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I6
<b>Address</b>	[3301]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I7
<b>Address</b>	[3302]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed



## MODBUS TABLE

<b>Variable</b>	CANopenDir I8
<b>Address</b>	[3303]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I9
<b>Address</b>	[3304]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I10
<b>Address</b>	[3305]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I11
<b>Address</b>	[3306]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I12
<b>Address</b>	[3307]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I13
<b>Address</b>	[3308]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I14
<b>Address</b>	[3309]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I15
<b>Address</b>	[3310]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I16
<b>Address</b>	[3311]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I17
<b>Address</b>	[3312]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I18
<b>Address</b>	[3313]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I19
<b>Address</b>	[3314]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I20
<b>Address</b>	[3315]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I21
<b>Address</b>	[3316]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I22
<b>Address</b>	[3317]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I23
<b>Address</b>	[3318]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I24
<b>Address</b>	[3319]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I25
<b>Address</b>	[3320]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I26
<b>Address</b>	[3321]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I27
<b>Address</b>	[3322]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I28
<b>Address</b>	[3323]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I29
<b>Address</b>	[3324]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I30
<b>Address</b>	[3325]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I31
<b>Address</b>	[3326]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I32
<b>Address</b>	[3327]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenModeO1
<b>Address</b>	[3382]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO2
<b>Address</b>	[3383]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO3
<b>Address</b>	[3384]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO4
<b>Address</b>	[3385]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO5
<b>Address</b>	[3386]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO6
<b>Address</b>	[3387]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO7
<b>Address</b>	[3388]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized



## MODBUS TABLE

<b>Variable</b>	CANopenModeO8
<b>Address</b>	[3389]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO9
<b>Address</b>	[3390]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO10
<b>Address</b>	[3391]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO11
<b>Address</b>	[3392]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO12
<b>Address</b>	[3393]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO13
<b>Address</b>	[3394]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO14
<b>Address</b>	[3395]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO15
<b>Address</b>	[3396]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO16
<b>Address</b>	[3397]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO17
<b>Address</b>	[3398]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO18
<b>Address</b>	[3399]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO19
<b>Address</b>	[3400]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO20
<b>Address</b>	[3401]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO21
<b>Address</b>	[3402]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO22
<b>Address</b>	[3403]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO23
<b>Address</b>	[3404]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO24
<b>Address</b>	[3405]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO25
<b>Address</b>	[3406]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO26
<b>Address</b>	[3407]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO27
<b>Address</b>	[3408]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO28
<b>Address</b>	[3409]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO29
<b>Address</b>	[3410]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO30
<b>Address</b>	[3411]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO31
<b>Address</b>	[3412]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO32
<b>Address</b>	[3413]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopen Offset AI 01
<b>Address</b>	[8350]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 1 value

<b>Variable</b>	CANopen Gain AI 01
<b>Address</b>	[8351]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 1 value

<b>Variable</b>	CANopen Offset AI 02
<b>Address</b>	[8352]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 2 value

## MODBUS TABLE

<b>Variable</b>	CANopen Gain AI 02
<b>Address</b>	[8353]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 2 value

<b>Variable</b>	CANopen Offset AI 03
<b>Address</b>	[8354]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 3 value

<b>Variable</b>	CANopen Gain AI 03
<b>Address</b>	[8355]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 3 value

<b>Variable</b>	CANopen Offset AI 04
<b>Address</b>	[8356]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 4 value



## MODBUS TABLE

<b>Variable</b>	CANopen Gain AI 04
<b>Address</b>	[8357]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 4 value

<b>Variable</b>	CANopen Offset AI 05
<b>Address</b>	[8358]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 5 value

<b>Variable</b>	CANopen Gain AI 05
<b>Address</b>	[8359]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 5 value

<b>Variable</b>	CANopen Offset AI 06
<b>Address</b>	[8360]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 6 value

## MODBUS TABLE

<b>Variable</b>	CANopen Gain AI 06
<b>Address</b>	[8361]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 6 value

<b>Variable</b>	CANopen Offset AI 07
<b>Address</b>	[8362]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 7 value

<b>Variable</b>	CANopen Gain AI 07
<b>Address</b>	[8363]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 7 value

<b>Variable</b>	CANopen Offset AI 08
<b>Address</b>	[8364]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 8 value

## MODBUS TABLE

<b>Variable</b>	CANopen Gain AI 08
<b>Address</b>	[8365]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 8 value

<b>Variable</b>	CANopen Offset AI 09
<b>Address</b>	[8366]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 9 value

<b>Variable</b>	CANopen Gain AI 09
<b>Address</b>	[8367]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 9 value

<b>Variable</b>	CANopen Offset AI 10
<b>Address</b>	[8368]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 10 value

## MODBUS TABLE

<b>Variable</b>	CANopen Gain AI 10
<b>Address</b>	[8369]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 10 value

<b>Variable</b>	CANopen Offset AI 11
<b>Address</b>	[8370]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 11 value

<b>Variable</b>	CANopen Gain AI 11
<b>Address</b>	[8371]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 11 value

<b>Variable</b>	CANopen Offset AI 12
<b>Address</b>	[8372]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 12 value

## MODBUS TABLE

<b>Variable</b>	CANopen Gain AI 12
<b>Address</b>	[8373]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 12 value

<b>Variable</b>	CANopen Offset AI 13
<b>Address</b>	[8374]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 13 value

<b>Variable</b>	CANopen Gain AI 13
<b>Address</b>	[8375]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 13 value

<b>Variable</b>	CANopen Offset AI 14
<b>Address</b>	[8376]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 14 value

## MODBUS TABLE

<b>Variable</b>	CANopen Gain AI 14
<b>Address</b>	[8377]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 14 value

<b>Variable</b>	CANopen Offset AI 15
<b>Address</b>	[8378]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 15 value

<b>Variable</b>	CANopen Gain AI 15
<b>Address</b>	[8379]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 15 value

<b>Variable</b>	CANopen Offset AI 16
<b>Address</b>	[8380]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Offset for CANopen analog input 16 value

## MODBUS TABLE

<b>Variable</b>	CANopen Gain AI 16
<b>Address</b>	[8381]
<b>Scale Factor</b>	3
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10000
<b>Description</b>	Gain for CANopen analog input 16 value

<b>Variable</b>	CANopenTM I33
<b>Address</b>	[8582]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I34
<b>Address</b>	[8583]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I35
<b>Address</b>	[8584]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I36
<b>Address</b>	[8585]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I37
<b>Address</b>	[8586]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change



## MODBUS TABLE

<b>Variable</b>	CANopenTM I38
<b>Address</b>	[8587]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I39
<b>Address</b>	[8588]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I40
<b>Address</b>	[8589]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I41
<b>Address</b>	[8590]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I42
<b>Address</b>	[8591]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I43
<b>Address</b>	[8592]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I44
<b>Address</b>	[8593]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I45
<b>Address</b>	[8594]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I46
<b>Address</b>	[8595]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I47
<b>Address</b>	[8596]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I48
<b>Address</b>	[8597]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I49
<b>Address</b>	[8598]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I50
<b>Address</b>	[8599]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I51
<b>Address</b>	[8600]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I52
<b>Address</b>	[8601]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I53
<b>Address</b>	[8602]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I54
<b>Address</b>	[8603]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I55
<b>Address</b>	[8604]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I56
<b>Address</b>	[8605]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I57
<b>Address</b>	[8606]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I58
<b>Address</b>	[8607]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	CANopenTM I59
<b>Address</b>	[8608]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I60
<b>Address</b>	[8609]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I61
<b>Address</b>	[8610]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change



## MODBUS TABLE

<b>Variable</b>	CANopenTM I62
<b>Address</b>	[8611]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I63
<b>Address</b>	[8612]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

<b>Variable</b>	CANopenTM I64
<b>Address</b>	[8613]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Function execution delay, user can add execution delay after logic input status change

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 33
<b>Address</b>	[8614]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 34
<b>Address</b>	[8615]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 35
<b>Address</b>	[8616]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 36
<b>Address</b>	[8617]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 37
<b>Address</b>	[8618]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 38
<b>Address</b>	[8619]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 39
<b>Address</b>	[8620]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 40
<b>Address</b>	[8621]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 41
<b>Address</b>	[8622]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 42
<b>Address</b>	[8623]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 43
<b>Address</b>	[8624]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 44
<b>Address</b>	[8625]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 45
<b>Address</b>	[8626]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 46
<b>Address</b>	[8627]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 47
<b>Address</b>	[8628]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 48
<b>Address</b>	[8629]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 49
<b>Address</b>	[8630]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 50
<b>Address</b>	[8631]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 51
<b>Address</b>	[8632]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 52
<b>Address</b>	[8633]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 53
<b>Address</b>	[8634]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 54
<b>Address</b>	[8635]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 55
<b>Address</b>	[8636]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 56
<b>Address</b>	[8637]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 57
<b>Address</b>	[8638]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 58
<b>Address</b>	[8639]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 59
<b>Address</b>	[8640]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 60
<b>Address</b>	[8641]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)



## MODBUS TABLE

<b>Variable</b>	Validity on CANopen digital input 61
<b>Address</b>	[8642]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 62
<b>Address</b>	[8643]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 63
<b>Address</b>	[8644]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

<b>Variable</b>	Validity on CANopen digital input 64
<b>Address</b>	[8645]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activation validity (0=Never/1=Always/2=Post Starting/3= rpm & Volt Stabilized)

## MODBUS TABLE

<b>Variable</b>	CANOpenDir I33
<b>Address</b>	[8646]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANOpenDir I34
<b>Address</b>	[8647]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANOpenDir I35
<b>Address</b>	[8648]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANOpenDir I36
<b>Address</b>	[8649]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I37
<b>Address</b>	[8650]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I38
<b>Address</b>	[8651]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I39
<b>Address</b>	[8652]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I40
<b>Address</b>	[8653]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I41
<b>Address</b>	[8654]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I42
<b>Address</b>	[8655]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I43
<b>Address</b>	[8656]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I44
<b>Address</b>	[8657]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I45
<b>Address</b>	[8658]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I46
<b>Address</b>	[8659]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I47
<b>Address</b>	[8660]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I48
<b>Address</b>	[8661]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANOpenDir I49
<b>Address</b>	[8662]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANOpenDir I50
<b>Address</b>	[8663]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANOpenDir I51
<b>Address</b>	[8664]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANOpenDir I52
<b>Address</b>	[8665]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I53
<b>Address</b>	[8666]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I54
<b>Address</b>	[8667]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I55
<b>Address</b>	[8668]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I56
<b>Address</b>	[8669]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenDir I57
<b>Address</b>	[8670]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I58
<b>Address</b>	[8671]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I59
<b>Address</b>	[8672]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I60
<b>Address</b>	[8673]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed



## MODBUS TABLE

<b>Variable</b>	CANopenDir I61
<b>Address</b>	[8674]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I62
<b>Address</b>	[8675]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I63
<b>Address</b>	[8676]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

<b>Variable</b>	CANopenDir I64
<b>Address</b>	[8677]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Direction of logic input Normally open or Normally closed

## MODBUS TABLE

<b>Variable</b>	CANopenModeO33
<b>Address</b>	[8732]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO34
<b>Address</b>	[8733]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO35
<b>Address</b>	[8734]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO36
<b>Address</b>	[8735]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO37
<b>Address</b>	[8736]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO38
<b>Address</b>	[8737]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO39
<b>Address</b>	[8738]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO40
<b>Address</b>	[8739]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO41
<b>Address</b>	[8740]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO42
<b>Address</b>	[8741]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO43
<b>Address</b>	[8742]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO44
<b>Address</b>	[8743]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO45
<b>Address</b>	[8744]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO46
<b>Address</b>	[8745]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO47
<b>Address</b>	[8746]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO48
<b>Address</b>	[8747]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO49
<b>Address</b>	[8748]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO50
<b>Address</b>	[8749]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO51
<b>Address</b>	[8750]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO52
<b>Address</b>	[8751]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO53
<b>Address</b>	[8752]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO54
<b>Address</b>	[8753]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO55
<b>Address</b>	[8754]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO56
<b>Address</b>	[8755]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## MODBUS TABLE

<b>Variable</b>	CANopenModeO57
<b>Address</b>	[8756]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO58
<b>Address</b>	[8757]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO59
<b>Address</b>	[8758]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO60
<b>Address</b>	[8759]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized



## MODBUS TABLE

<b>Variable</b>	CANopenModeO61
<b>Address</b>	[8760]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO62
<b>Address</b>	[8761]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO63
<b>Address</b>	[8762]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

<b>Variable</b>	CANopenModeO64
<b>Address</b>	[8763]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	selection of the direction of the logic output, normally energized or de-energized

## TIMERS/METERS

<b>Variable</b>	Test mode duration
<b>Address</b>	[2016]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	This parameter allows you to set the time for which the product will remain in test mode if the limited time test mode has been activated.

<b>Variable</b>	Load ramp timer
<b>Address</b>	[2853]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	16000
<b>Description</b>	This setpoint adjusts the load ramp timer, for load sharing or mains paralleling mode. In case of a battery it adjusts the discharge ramp timer. 100 % of this timer corresponds to transfer 100% of generator/power plant/battery nominal kW. For a ramp, to transfer, from 10% to 60% of nominal kW, the time will be 50% of the set timer.

## POWER PLANT

<b>Variable</b>	Number of GENSY COMPACT PRIME
<b>Address</b>	[2000]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	32
<b>Description</b>	Number of GENSY COMPACT PRIME on the power plant. This parameter is used for the CAN communication between products.

## MODBUS TABLE

<b>Variable</b>	My number
<b>Address</b>	[2001]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	32
<b>Description</b>	<p>This parameter is used to define the product identifier for communication between products. It must be unique for each controller 'type':</p> <ul style="list-style-type: none"> <li>- Number GENSYS COMPACT from first to last (32 maximum)</li> <li>- Number MASTER COMPACT, MASTER COMPACT 1B and BTB COMPACT from first to last (32 maximum)</li> <li>- Number HYBRID COMPACT from first to last (32 maximum)</li> <li>- Number BAT COMPACT from first to last (max. 32)</li> </ul>

<b>Variable</b>	Connection type
<b>Address</b>	[2003]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	<p>0: Monophase            1: Biphase 180°            2: Triphase 120° (3 or 4 wires)            3: Triphase L1-N-L2            4: Triphase L2-N-L3            5: Triphase L3-N-L1</p>
<b>Description</b>	<p>This parameter is used to select the voltage system that will be applied to all the voltage sources managed by the product. 6 values can be selected:</p> <ul style="list-style-type: none"> <li>- Single phase: Connection of one active phase and one neutral. Connect the voltages on terminals L1-N. Connect the currents on I1-IN.</li> <li>- Two phase 180°: Connection of 2 active phases (and an optional neutral). Connect the voltages to terminals L1-L3 (and optional N). Connect the currents to I1-I3-IN. If the neutral is not connected to the voltage terminal block, the product will calculate a virtual neutral by itself.</li> <li>- Three-phase 120°: Connection of 3 active phases (and an optional neutral). Connect the voltages on terminals L1-L2-L3 (and optional N). Connect the currents to I1-I2-I3-IN. If the neutral is not connected to the voltage terminal block, the product will calculate a virtual neutral by itself.</li> <li>- Three-phase L1-N-L2: Connection of 3 active phases and a neutral. High leg on L3, neutral between L1 and L2. The neutral must be connected.</li> <li>- Three-phase L2-N-L3: Connection of 3 active phases and a neutral. High leg on L1, neutral between L2 and L3. The neutral must be connected.</li> <li>- Three-phase L3-N-L1: Connection of 3 active phases and a neutral. High leg on L2, neutral between L3 and L1. The neutral must be connected.</li> </ul>

## MODBUS TABLE

<b>Variable</b>	Number of MASTER COMPACT/BTB COMPACT
<b>Address</b>	[2017]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	32
<b>Description</b>	Number of MASTER COMPACT / MASTER COMPACT 1B / BTB (combined) on the power plant. This parameter is used for the CAN communication between products.

<b>Variable</b>	Segment A
<b>Address</b>	[2020]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	33
<b>Description</b>	Source A segment number

<b>Variable</b>	Segment B
<b>Address</b>	[2021]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	33
<b>Description</b>	Source B segment number

## MODBUS TABLE

<b>Variable</b>	Number of HYBRID COMPACT
<b>Address</b>	[2025]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	32
<b>Description</b>	Number of HYBRID COMPACT on the power plant. This parameter is used for the CAN communication between products.

<b>Variable</b>	Number of BAT COMPACT
<b>Address</b>	[2030]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Number of BAT COMPACT on the power plant. This parameter is used for the CAN communication between products.

<b>Variable</b>	Fail to open/close breaker timer
<b>Address</b>	[2304]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	100
<b>Description</b>	Circuit breaker max command delay (timer for discrepancy between command and feedback), is generating a fault.

## MODBUS TABLE

<b>Variable</b>	Unexpected close/open breaker timer
<b>Address</b>	[2317]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	100
<b>Description</b>	Timer before taking into account an unexpected change of a breaker feedback input state.

## SOURCE A PROTECTIONS

<b>Variable</b>	Mismatch rotophases protection control
<b>Address</b>	[2397]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Over frequency threshold
<b>Address</b>	[2400]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Over frequency timer
<b>Address</b>	[2401]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Over frequency control
<b>Address</b>	[2402]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Under frequency threshold
<b>Address</b>	[2403]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Under frequency timer
<b>Address</b>	[2404]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Under frequency control
<b>Address</b>	[2405]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Over voltage threshold
<b>Address</b>	[2406]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.



## MODBUS TABLE

<b>Variable</b>	Over voltage timer
<b>Address</b>	[2407]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Over voltage control
<b>Address</b>	[2408]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Under voltage threshold
<b>Address</b>	[2409]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Under voltage timer
<b>Address</b>	[2410]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Under voltage control
<b>Address</b>	[2411]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Over frequency threshold 2
<b>Address</b>	[2436]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Over frequency timer 2
<b>Address</b>	[2437]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Over frequency control 2
<b>Address</b>	[2438]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Under frequency threshold 2
<b>Address</b>	[2439]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Under frequency timer 2
<b>Address</b>	[2440]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Under frequency control 2
<b>Address</b>	[2441]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Over voltage threshold 2
<b>Address</b>	[2442]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Over voltage timer 2
<b>Address</b>	[2443]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Over voltage control 2
<b>Address</b>	[2444]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Under voltage threshold 2
<b>Address</b>	[2445]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Under voltage timer 2
<b>Address</b>	[2446]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Under voltage control 2
<b>Address</b>	[2447]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Horn timer
<b>Address</b>	[2478]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Duration of activation of the horn which is activated each time an alarm or fault occurs on the product. The value 0 means that the horn will sound until the alarms/ faults on the product are manually acknowledged.

## MODBUS TABLE

<b>Variable</b>	Voltage unbalance threshold
<b>Address</b>	[2486]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Voltage unbalance timer
<b>Address</b>	[2487]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Voltage unbalance control
<b>Address</b>	[2488]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

## MODBUS TABLE

<b>Variable</b>	Voltage unbalance threshold 2
<b>Address</b>	[2489]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Voltage unbalance timer 2
<b>Address</b>	[2490]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Voltage unbalance control 2
<b>Address</b>	[2491]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.



## MODBUS TABLE

<b>Variable</b>	Rotophase activation direction (0 = Indirect, 1 = Direct)
<b>Address</b>	[8500]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Indirect 1: Direct
<b>Description</b>	This setpoint define wich direction of rotophase will activate rotophase protection. If the setpoint is on direct then the action of variables 8500 will activate if voltage phases are plugged on a direct direction. If the setpoint is on indirect then the action of variables 8500 will activate if voltage phases are plugged on an indirect direction.

<b>Variable</b>	Rotophase protection control
<b>Address</b>	[8501]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

## SOURCE B PROTECTIONS

<b>Variable</b>	Over frequency threshold
<b>Address</b>	[2500]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Over frequency timer
<b>Address</b>	[2501]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Over frequency control
<b>Address</b>	[2502]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Under frequency threshold
<b>Address</b>	[2503]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Under frequency timer
<b>Address</b>	[2504]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Under frequency control
<b>Address</b>	[2505]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Over voltage threshold
<b>Address</b>	[2506]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Over voltage timer
<b>Address</b>	[2507]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Over voltage control
<b>Address</b>	[2508]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Under voltage threshold
<b>Address</b>	[2509]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Under voltage timer
<b>Address</b>	[2510]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Under voltage control
<b>Address</b>	[2511]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Over frequency threshold 2
<b>Address</b>	[2530]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Over frequency timer 2
<b>Address</b>	[2531]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Over frequency control 2
<b>Address</b>	[2532]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Under frequency threshold 2
<b>Address</b>	[2533]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Under frequency timer 2
<b>Address</b>	[2534]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Under frequency control 2
<b>Address</b>	[2535]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Over voltage threshold 2
<b>Address</b>	[2536]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Over voltage timer 2
<b>Address</b>	[2537]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Over voltage control 2
<b>Address</b>	[2538]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Under voltage threshold 2
<b>Address</b>	[2539]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.



## MODBUS TABLE

<b>Variable</b>	Under voltage timer 2
<b>Address</b>	[2540]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Under voltage control 2
<b>Address</b>	[2541]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Voltage unbalance threshold
<b>Address</b>	[2565]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Voltage unbalance timer
<b>Address</b>	[2566]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Voltage unbalance control
<b>Address</b>	[2567]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Voltage unbalance threshold 2
<b>Address</b>	[2568]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	2000
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Voltage unbalance timer 2
<b>Address</b>	[2569]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Voltage unbalance control 2
<b>Address</b>	[2570]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Rotophase activation direction (0 = Indirect, 1 = Direct)
<b>Address</b>	[2584]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Indirect 1: Direct
<b>Description</b>	This setpoint define wich direction of rotophase will activate rotophase protection If the setpoint is on direct then the action of variables 2584 will activate if voltage phases are plugged on a direct direction. If the setpoint is on indirect then the action of variables 2584 will activate if voltage phases are plugged on an indirect direction.

## MODBUS TABLE

<b>Variable</b>	Rotophase protection control
<b>Address</b>	[2585]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

## OTHER PROTECTIONS

<b>Variable</b>	Min. voltage battery threshold
<b>Address</b>	[2356]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	350
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Min. voltage battery timer
<b>Address</b>	[2357]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

## MODBUS TABLE

<b>Variable</b>	Min. voltage battery control
<b>Address</b>	[2358]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Max. voltage battery threshold
<b>Address</b>	[2359]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	350
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Max. voltage battery timer
<b>Address</b>	[2360]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Max. voltage battery control
<b>Address</b>	[2361]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

## MODBUS TABLE

<b>Variable</b>	Min. voltage battery threshold 2
<b>Address</b>	[2374]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	350
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Min. voltage battery timer 2
<b>Address</b>	[2375]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Min. voltage battery control 2
<b>Address</b>	[2376]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Max. voltage battery threshold 2
<b>Address</b>	[2377]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	350
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Max. voltage battery timer 2
<b>Address</b>	[2378]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer defining how long the value should exceed the treshold before triggering the control associated to this protection.

<b>Variable</b>	Max. voltage battery control 2
<b>Address</b>	[2379]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Analog input 1 threshold
<b>Address</b>	[2600]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Analog input 1 timer
<b>Address</b>	[2601]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Analog input 1 control
<b>Address</b>	[2602]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Analog input 1 threshold 2
<b>Address</b>	[2603]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Analog input 1 timer 2
<b>Address</b>	[2604]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.



## MODBUS TABLE

<b>Variable</b>	Analog input 1 control 2
<b>Address</b>	[2605]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Direction analog input 1 protection
<b>Address</b>	[2606]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Minimum 1: Maximum
<b>Description</b>	This setpoint define if the both threshold level for analog input 1 are minimum or maximum limit. If the setpoint is on "Minimum" then the action of variables 2602 and 2605 will activate from thresholds level set and below. If the setpoint is on "Maximum" then the action of variables 2602 and 2605 will activate from thresholds level set and above.

<b>Variable</b>	Analog input 2 threshold
<b>Address</b>	[2608]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Analog input 2 timer
<b>Address</b>	[2609]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Analog input 2 control
<b>Address</b>	[2610]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Analog input 2 threshold 2
<b>Address</b>	[2611]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Analog input 2 timer 2
<b>Address</b>	[2612]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Analog input 2 control 2
<b>Address</b>	[2613]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Direction analog input 2 protection
<b>Address</b>	[2614]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Minimum 1: Maximum
<b>Description</b>	This setpoint define if the both threshold level for analog input 2 are minimum or maximum limit. If the setpoint is on "Minimum" then the action of variables 2610 and 2613 will activate from thresholds level set and below. If the setpoint is on "Maximum" then the action of variables 2610 and 2613 will activate from thresholds level set and above.

<b>Variable</b>	Analog input 3 threshold
<b>Address</b>	[2616]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Analog input 3 timer
<b>Address</b>	[2617]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Analog input 3 control
<b>Address</b>	[2618]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Analog input 3 threshold 2
<b>Address</b>	[2619]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

<b>Variable</b>	Analog input 3 timer 2
<b>Address</b>	[2620]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Threshold to be exceeded to trigger the associated control for this protection.

## MODBUS TABLE

<b>Variable</b>	Analog input 3 control 2
<b>Address</b>	[2621]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 1: Bus electrical fault 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Direction analog input 3 protection
<b>Address</b>	[2622]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Minimum 1: Maximum
<b>Description</b>	This setpoint define if the both threshold level for analog input 3 are minimum or maximum limit. If the setpoint is on "Minimum" then the action of variables 2618 and 2621 will activate from thresholds level set and below. If the setpoint is on "Maximum" then the action of variables 2618 and 2621 will activate from thresholds level set and above.

## COMMUNICATION

<b>Variable</b>	Control on Modbus server timeouts
<b>Address</b>	[3030]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm 4: Open breaker
<b>Description</b>	Control on TCP connection loss or frame timeout with Modbus server

## MODBUS TABLE

<b>Variable</b>	Enable connection to Modbus server
<b>Address</b>	[3031]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	Enable connection to a Modbus server for custom read/write requests

<b>Variable</b>	Modbus server frame timeout
<b>Address</b>	[3032]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	Timeout in ms for no response to a frame emitted from the Modbus server

<b>Variable</b>	CAN 1 baud rate
<b>Address</b>	[3050]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	125: 125 kBit/s 250: 250 kBit/s 500: 500 kBit/s 1000: 1000 kBit/s
<b>Description</b>	CAN bus speed 1: - Used for communication between products with the proprietary CRE protocol (Only for communicating products). - Used for the connection of inputs/outputs with the CANopen protocol when the MTU MDEC protocol is activated on CAN 2 (Only for products with engine control). Higher speed results in a reduction of the maximum bus distance.

## MODBUS TABLE

<b>Variable</b>	CAN 2 baud rate
<b>Address</b>	[3051]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	125: 125 kBit/s 250: 250 kBit/s 500: 500 kBit/s 1000: 1000 kBit/s
<b>Description</b>	<p>CAN bus speed 2:</p> <ul style="list-style-type: none"> <li>- Used for connecting inputs/outputs with the CANopen protocol (Except when using the MDEC protocol, in which case the CANopen inputs/outputs must be connected to CAN 1). If the J1939 protocol is disabled, this parameter determines the communication speed of the CAN 2 bus.</li> <li>- Used for the communication between the product and the ECU with the J1939 protocol (Only for products with engine control). When the J1939 protocol is enabled, the CAN 2 bus speed is forced to 250kb/s. This parameter will not impact the bus speed.</li> <li>- Used for the communication between the product and the ECU with the MDEC protocol (Only for products with engine control). When the MDEC protocol is enabled, the CAN 2 bus speed is forced to 125kb/s. This parameter will not impact the bus speed.</li> </ul> <p>A higher speed results in a reduction of the maximum bus distance.</p>

<b>Variable</b>	Control on controllers communication fault
<b>Address</b>	[3052]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm 4: Fault (soft shutdown) 8: Droop Hz/V + Alarm
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

## MODBUS TABLE

<b>Variable</b>	Control on missing GENSYS COMPACT PRIME on CAN bus
<b>Address</b>	[3054]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Control on missing MASTER COMPACT/BTB COMPACT on CAN bus
<b>Address</b>	[3057]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Control on CANopen error
<b>Address</b>	[3059]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.



## MODBUS TABLE

<b>Variable</b>	Control on missing HYBRID COMPACT on CAN bus
<b>Address</b>	[3060]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	Control on missing BAT COMPACT on CAN bus
<b>Address</b>	[3061]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Unused 3: Alarm 4: Open breaker
<b>Description</b>	Action performed on protection's trigger. Actions' description is available in the technical documentation.

<b>Variable</b>	CANopen error timer
<b>Address</b>	[3152]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	65535
<b>Description</b>	CANopen error timer

## SAVED USER VARIABLES

<b>Variable</b>	Saved var. 1 (Customisable)
<b>Address</b>	[8000]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 2 (Customisable)
<b>Address</b>	[8001]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 3 (Customisable)
<b>Address</b>	[8002]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 4 (Customisable)
<b>Address</b>	[8003]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 5 (Customisable)
<b>Address</b>	[8004]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 6 (Customisable)
<b>Address</b>	[8005]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 7 (Customisable)
<b>Address</b>	[8006]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 8 (Customisable)
<b>Address</b>	[8007]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 9 (Customisable)
<b>Address</b>	[8008]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 10 (Customisable)
<b>Address</b>	[8009]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 11 (Customisable)
<b>Address</b>	[8010]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 12 (Customisable)
<b>Address</b>	[8011]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 13 (Customisable)
<b>Address</b>	[8012]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 14 (Customisable)
<b>Address</b>	[8013]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 15 (Customisable)
<b>Address</b>	[8014]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 16 (Customisable)
<b>Address</b>	[8015]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 17 (Customisable)
<b>Address</b>	[8016]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 18 (Customisable)
<b>Address</b>	[8017]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 19 (Customisable)
<b>Address</b>	[8018]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 20 (Customisable)
<b>Address</b>	[8019]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 21 (Customisable)
<b>Address</b>	[8020]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...



## MODBUS TABLE

<b>Variable</b>	Saved var. 22 (Customisable)
<b>Address</b>	[8021]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 23 (Customisable)
<b>Address</b>	[8022]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 24 (Customisable)
<b>Address</b>	[8023]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 25 (Customisable)
<b>Address</b>	[8024]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 26 (Customisable)
<b>Address</b>	[8025]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 27 (Customisable)
<b>Address</b>	[8026]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 28 (Customisable)
<b>Address</b>	[8027]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 29 (Customisable)
<b>Address</b>	[8028]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 30 (Customisable)
<b>Address</b>	[8029]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 31 (Customisable)
<b>Address</b>	[8030]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 32 (Customisable)
<b>Address</b>	[8031]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 33 (Customisable)
<b>Address</b>	[8032]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 34 (Customisable)
<b>Address</b>	[8033]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 35 (Customisable)
<b>Address</b>	[8034]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 36 (Customisable)
<b>Address</b>	[8035]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 37 (Customisable)
<b>Address</b>	[8036]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 38 (Customisable)
<b>Address</b>	[8037]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 39 (Customisable)
<b>Address</b>	[8038]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 40 (Customisable)
<b>Address</b>	[8039]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 41 (Customisable)
<b>Address</b>	[8040]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 42 (Customisable)
<b>Address</b>	[8041]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 43 (Customisable)
<b>Address</b>	[8042]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 44 (Customisable)
<b>Address</b>	[8043]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 45 (Customisable)
<b>Address</b>	[8044]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...



## MODBUS TABLE

<b>Variable</b>	Saved var. 46 (Customisable)
<b>Address</b>	[8045]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 47 (Customisable)
<b>Address</b>	[8046]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 48 (Customisable)
<b>Address</b>	[8047]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Saved var. 49 (Customisable)
<b>Address</b>	[8048]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Saved var. 50 (Customisable)
<b>Address</b>	[8049]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## UNSAVED USER VARIABLES

<b>Variable</b>	Unsaved var.1 (Customisable)
<b>Address</b>	[8050]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.2 (Customisable)
<b>Address</b>	[8051]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.3 (Customisable)
<b>Address</b>	[8052]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.4 (Customisable)
<b>Address</b>	[8053]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.5 (Customisable)
<b>Address</b>	[8054]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.6 (Customisable)
<b>Address</b>	[8055]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.7 (Customisable)
<b>Address</b>	[8056]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.8 (Customisable)
<b>Address</b>	[8057]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.9 (Customisable)
<b>Address</b>	[8058]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.10 (Customisable)
<b>Address</b>	[8059]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.11 (Customisable)
<b>Address</b>	[8060]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.12 (Customisable)
<b>Address</b>	[8061]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.13 (Customisable)
<b>Address</b>	[8062]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.14 (Customisable)
<b>Address</b>	[8063]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.15 (Customisable)
<b>Address</b>	[8064]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.16 (Customisable)
<b>Address</b>	[8065]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.17 (Customisable)
<b>Address</b>	[8066]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.18 (Customisable)
<b>Address</b>	[8067]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.19 (Customisable)
<b>Address</b>	[8068]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...



## MODBUS TABLE

<b>Variable</b>	Unsaved var.20 (Customisable)
<b>Address</b>	[8069]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.21 (Customisable)
<b>Address</b>	[8070]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.22 (Customisable)
<b>Address</b>	[8071]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.23 (Customisable)
<b>Address</b>	[8072]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.24 (Customisable)
<b>Address</b>	[8073]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.25 (Customisable)
<b>Address</b>	[8074]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.26 (Customisable)
<b>Address</b>	[8075]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.27 (Customisable)
<b>Address</b>	[8076]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.28 (Customisable)
<b>Address</b>	[8077]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.29 (Customisable)
<b>Address</b>	[8078]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.30 (Customisable)
<b>Address</b>	[8079]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.31 (Customisable)
<b>Address</b>	[8080]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.32 (Customisable)
<b>Address</b>	[8081]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.33 (Customisable)
<b>Address</b>	[8082]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.34 (Customisable)
<b>Address</b>	[8083]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.35 (Customisable)
<b>Address</b>	[8084]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.36 (Customisable)
<b>Address</b>	[8085]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.37 (Customisable)
<b>Address</b>	[8086]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.38 (Customisable)
<b>Address</b>	[8087]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.39 (Customisable)
<b>Address</b>	[8088]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.40 (Customisable)
<b>Address</b>	[8089]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.41 (Customisable)
<b>Address</b>	[8090]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.42 (Customisable)
<b>Address</b>	[8091]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.43 (Customisable)
<b>Address</b>	[8092]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...



## MODBUS TABLE

<b>Variable</b>	Unsaved var.44 (Customisable)
<b>Address</b>	[8093]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.45 (Customisable)
<b>Address</b>	[8094]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.46 (Customisable)
<b>Address</b>	[8095]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.47 (Customisable)
<b>Address</b>	[8096]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.48 (Customisable)
<b>Address</b>	[8097]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

<b>Variable</b>	Unsaved var.49 (Customisable)
<b>Address</b>	[8098]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## MODBUS TABLE

<b>Variable</b>	Unsaved var.50 (Customisable)
<b>Address</b>	[8099]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Can be used to store data (via Modbus or J1939), to store temporary calculations (via Easyflex), to trigger alarms or faults, etc...

## SYSTEM

<b>Variable</b>	Power on mode
<b>Address</b>	[2012]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Manual 1: Test 2: Auto
<b>Description</b>	This parameter is used to select the mode of the product when the power supply is applied. 3 values can be used : - Manual : The product will switch-on on Manual mode - Test : The product will switch-on on Test mode - Auto : The product will switch-on on Auto mode

<b>Variable</b>	Limited time test mode
<b>Address</b>	[2015]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	This parameter is used to activate an operation delay in test mode. During this timer, the test mode is activated. At the end of this timer, the product will be forced on auto mode and the generator will stop if there is no active remote start.

## MODBUS TABLE

<b>Variable</b>	Custom setpoint analog output 1
<b>Address</b>	[2214]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-1000
<b>Max value</b>	1000
<b>Description</b>	The value sets in this variable corresponds to the voltage applied to the analog 1 output if the analog output is used as a spare output.

<b>Variable</b>	Custom setpoint analog output 2
<b>Address</b>	[2256]
<b>Scale Factor</b>	2
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-1000
<b>Max value</b>	1000
<b>Description</b>	The value sets in this variable corresponds to the voltage applied to the analog 2 output if the analog output is used as a spare output.

<b>Variable</b>	Screensaver timeout
<b>Address</b>	[3551]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	120
<b>Description</b>	Timeout Screen saver (0=infini)

<b>Variable</b>	Backlight timeout
<b>Address</b>	[3552]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	120
<b>Description</b>	Timeout Backlight (0=infini)

## MODBUS TABLE

<b>Variable</b>	LCD screen contrast
<b>Address</b>	[3554]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	100
<b>Description</b>	LCD contrast intensity

<b>Variable</b>	LCD screen backlight
<b>Address</b>	[3555]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	100
<b>Description</b>	LCD backlight intensity

<b>Variable</b>	Variable 1 to log
<b>Address</b>	[3600]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

<b>Variable</b>	Variable 2 to log
<b>Address</b>	[3601]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

## MODBUS TABLE

<b>Variable</b>	Variable 3 to log
<b>Address</b>	[3602]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

<b>Variable</b>	Variable 4 to log
<b>Address</b>	[3603]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

<b>Variable</b>	Variable 5 to log
<b>Address</b>	[3604]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

<b>Variable</b>	Variable 6 to log
<b>Address</b>	[3605]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

## MODBUS TABLE

<b>Variable</b>	Variable 7 to log
<b>Address</b>	[3606]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

<b>Variable</b>	Variable 8 to log
<b>Address</b>	[3607]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

<b>Variable</b>	Variable 9 to log
<b>Address</b>	[3608]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

<b>Variable</b>	Variable 10 to log
<b>Address</b>	[3609]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	10299
<b>Description</b>	Logger of the variable to archive

## MODBUS TABLE

<b>Variable</b>	Activation
<b>Address</b>	[3610]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Off 1: On
<b>Description</b>	Archiving mode OFF = NEVER / ALWAYS / POST STARTING / STABILIZED, event archiving can be activated depending on engine status. Warning: erase will delete all faults, alarms and archived data.

<b>Variable</b>	Erase logger
<b>Address</b>	[3611]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	1
<b>Description</b>	Erase log (Automatically set to 0 after erase).

<b>Variable</b>	Logging period variable 1
<b>Address</b>	[3612]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

<b>Variable</b>	Logging period variable 2
<b>Address</b>	[3613]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving



## MODBUS TABLE

<b>Variable</b>	Logging period variable 3
<b>Address</b>	[3614]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

<b>Variable</b>	Logging period variable 4
<b>Address</b>	[3615]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

<b>Variable</b>	Logging period variable 5
<b>Address</b>	[3616]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

<b>Variable</b>	Logging period variable 6
<b>Address</b>	[3617]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

## MODBUS TABLE

<b>Variable</b>	Logging period variable 7
<b>Address</b>	[3618]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

<b>Variable</b>	Logging period variable 8
<b>Address</b>	[3619]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

<b>Variable</b>	Logging period variable 9
<b>Address</b>	[3620]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

<b>Variable</b>	Logging period variable 10
<b>Address</b>	[3621]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	1
<b>Max value</b>	9999
<b>Description</b>	Time in second of interval between each archiving

## MODBUS TABLE

<b>Variable</b>	Log variable 1 on
<b>Address</b>	[3622]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at specific intervals, defined by the user ([3612]) - Value change: The variable will be logged each time the value of the variable has been changed

<b>Variable</b>	Log variable 2 on
<b>Address</b>	[3623]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3613]) - Value change: The variable will be logged each time the value of the variable has been changed

<b>Variable</b>	Log variable 3 on
<b>Address</b>	[3624]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3614]) - Value change: The variable will be logged each time the value of the variable has been changed

## MODBUS TABLE

<b>Variable</b>	Log variable 4 on
<b>Address</b>	[3625]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3615]) - Value change: The variable will be logged each time the value of the variable has been changed

<b>Variable</b>	Log variable 5 on
<b>Address</b>	[3626]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3616]) - Value change: The variable will be logged each time the value of the variable has been changed

<b>Variable</b>	Log variable 6 on
<b>Address</b>	[3627]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3617]) - Value change: The variable will be logged each time the value of the variable has been changed

## MODBUS TABLE

<b>Variable</b>	Log variable 7 on
<b>Address</b>	[3628]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3618]) - Value change: The variable will be logged each time the value of the variable has been changed

<b>Variable</b>	Log variable 8 on
<b>Address</b>	[3629]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3619]) - Value change: The variable will be logged each time the value of the variable has been changed

<b>Variable</b>	Log variable 9 on
<b>Address</b>	[3630]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3620]) - Value change: The variable will be logged each time the value of the variable has been changed

## MODBUS TABLE

<b>Variable</b>	Log variable 10 on
<b>Address</b>	[3631]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Value change 1: Interval
<b>Description</b>	A variable can be logged in two different ways: - Interval: The variable will be logged at a periodic interval, defined by the user ([3621]) - Value change: The variable will be logged each time the value of the variable has been changed

<b>Variable</b>	Record power up
<b>Address</b>	[8300]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	Records controller power up event

<b>Variable</b>	Record circuit breaker status (Open/Closed)
<b>Address</b>	[8303]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	Records breaker closing and opening events

<b>Variable</b>	Record operating mode
<b>Address</b>	[8304]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	Records controller mode switching events (automatic, test, manual)

## HYSTERESIS

<b>Variable</b>	Enable Hysteresis 1
<b>Address</b>	[2657]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	Enable hysteresis on analog input 1 with thresholds E2660 (Low Level) & E2663 (High Level)

<b>Variable</b>	Enable Hysteresis 2
<b>Address</b>	[2658]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	Enable hysteresis on analog input 2 with thresholds E2661 (Low Level) & E2664 (High Level)

<b>Variable</b>	Enable Hysteresis 3
<b>Address</b>	[2659]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	Enable hysteresis on analog input 3 with thresholds E2662 (Low Level) & E2665 (High Level)

## MODBUS TABLE

<b>Variable</b>	Low level threshold
<b>Address</b>	[2660]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Low level threshold for digital output activation on hysteresis 1

<b>Variable</b>	Low level threshold
<b>Address</b>	[2661]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Low level threshold for digital output activation on hysteresis 2

<b>Variable</b>	Low level threshold
<b>Address</b>	[2662]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	Low level threshold for digital output activation on hysteresis 3

<b>Variable</b>	High level threshold
<b>Address</b>	[2663]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	High level threshold for digital output activation on hysteresis 1



## MODBUS TABLE

<b>Variable</b>	High level threshold
<b>Address</b>	[2664]
<b>Scale Factor</b>	1
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	High level threshold for digital output activation on hysteresis 2

<b>Variable</b>	High level threshold
<b>Address</b>	[2665]
<b>Scale Factor</b>	0
<b>Type</b>	Signed integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	-32768
<b>Max value</b>	32767
<b>Description</b>	High level threshold for digital output activation on hysteresis 3

<b>Variable</b>	Timer on low level threshold
<b>Address</b>	[2666]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer before set/reset digital output on hysteresis low threshold 1

<b>Variable</b>	Timer on low level threshold
<b>Address</b>	[2667]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer before set/reset digital output on hysteresis low threshold 2

## MODBUS TABLE

<b>Variable</b>	Timer on low level threshold
<b>Address</b>	[2668]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer before set/reset digital output on hysteresis low threshold 3

<b>Variable</b>	Timer on high level threshold
<b>Address</b>	[2669]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer before set/reset digital output on hysteresis high threshold 1

<b>Variable</b>	Timer on high level threshold
<b>Address</b>	[2670]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer before set/reset digital output on hysteresis high threshold 2

<b>Variable</b>	Timer on high level threshold
<b>Address</b>	[2671]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	Timer before set/reset digital output on hysteresis high threshold 3

## MODBUS TABLE

<b>Variable</b>	Hysteresis Direction 1
<b>Address</b>	[2672]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	Hysteresis 1 Direction (0 : Set on low thresh. - Reset on high thresh. / 1 : Set on high thresh. - Reset on low thresh)

<b>Variable</b>	Hysteresis Direction 2
<b>Address</b>	[2673]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	Hysteresis 2 Direction (0 : Set on low thresh. - Reset on high thresh. / 1 : Set on high thresh. - Reset on low thresh)

<b>Variable</b>	Hysteresis Direction 3
<b>Address</b>	[2674]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	Hysteresis 3 Direction (0 : Set on low thresh. - Reset on high thresh. / 1 : Set on high thresh. - Reset on low thresh)

## MODBUS TABLE

<b>Variable</b>	Hysteresis 1 enable for digital input
<b>Address</b>	[2769]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	<p>This parameter enables the first hysteresis function on logic threshold to be activated.</p> <p>To do this:</p> <ul style="list-style-type: none"> <li>- Configure a digital input as 'Hysteresis low threshold DI1' and wire the hysteresis low threshold logic signal to this input.</li> <li>- Configure a digital input as 'Hysteresis high threshold DI1' and wire the hysteresis high threshold logic signal to this input.</li> <li>- Configure a digital output as 'Hysteresis output activation on DI1' and wire this output to the hysteresis control</li> <li>- Select the direction of activation/deactivation of the control</li> </ul>

<b>Variable</b>	Hysteresis 2 enable for digital input
<b>Address</b>	[2770]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	<p>This parameter enables the second hysteresis function on logic threshold to be activated.</p> <p>To do this:</p> <ul style="list-style-type: none"> <li>- Configure a digital input as 'Hysteresis low threshold DI2' and wire the hysteresis low threshold logic signal to this input.</li> <li>- Configure a digital input as 'Hysteresis high threshold DI2' and wire the hysteresis high threshold logic signal to this input.</li> <li>- Configure a digital output as 'Hysteresis output activation on DI2' and wire this output to the hysteresis control</li> <li>- Select the direction of activation/deactivation of the control</li> </ul>

## MODBUS TABLE

<b>Variable</b>	Hysteresis 3 enable for digital input
<b>Address</b>	[2771]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	<p>This parameter enables the third hysteresis function on logic threshold to be activated.</p> <p>To do this:</p> <ul style="list-style-type: none"> <li>- Configure a digital input as 'Hysteresis low threshold DI3' and wire the hysteresis low threshold logic signal to this input.</li> <li>- Configure a digital input as 'Hysteresis high threshold DI3' and wire the hysteresis high threshold logic signal to this input.</li> <li>- Configure a digital output as 'Hysteresis output activation on DI3' and wire this output to the hysteresis control</li> <li>- Select the direction of activation/deactivation of the control</li> </ul>

<b>Variable</b>	Hysteresis 4 enable for digital input
<b>Address</b>	[2772]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	<p>This parameter enables the fourth hysteresis function on logic threshold to be activated.</p> <p>To do this:</p> <ul style="list-style-type: none"> <li>- Configure a digital input as 'Hysteresis low threshold DI4' and wire the hysteresis low threshold logic signal to this input.</li> <li>- Configure a digital input as 'Hysteresis high threshold DI4' and wire the hysteresis high threshold logic signal to this input.</li> <li>- Configure a digital output as 'Hysteresis output activation on DI4' and wire this output to the hysteresis control</li> <li>- Select the direction of activation/deactivation of the control</li> </ul>

## MODBUS TABLE

<b>Variable</b>	Hysteresis 5 enable for digital input
<b>Address</b>	[2773]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	<p>This parameter enables the fifth hysteresis function on logic threshold to be activated.</p> <p>To do this:</p> <ul style="list-style-type: none"> <li>- Configure a digital input as 'Hysteresis low threshold DI5' and wire the hysteresis low threshold logic signal to this input.</li> <li>- Configure a digital input as 'Hysteresis high threshold DI5' and wire the hysteresis high threshold logic signal to this input.</li> <li>- Configure a digital output as 'Hysteresis output activation on DI5' and wire this output to the hysteresis control</li> <li>- Select the direction of activation/deactivation of the control</li> </ul>

<b>Variable</b>	Hysteresis 6 enable for digital input
<b>Address</b>	[2774]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	<p>This parameter enables the sixth hysteresis function on logic threshold to be activated.</p> <p>To do this:</p> <ul style="list-style-type: none"> <li>- Configure a digital input as 'Hysteresis low threshold DI6' and wire the hysteresis low threshold logic signal to this input.</li> <li>- Configure a digital input as 'Hysteresis high threshold DI6' and wire the hysteresis high threshold logic signal to this input.</li> <li>- Configure a digital output as 'Hysteresis output activation on DI6' and wire this output to the hysteresis control</li> <li>- Select the direction of activation/deactivation of the control</li> </ul>

## MODBUS TABLE

<b>Variable</b>	Hysteresis 7 enable for digital input
<b>Address</b>	[2775]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	<p>This parameter enables the seventh hysteresis function on logic threshold to be activated.</p> <p>To do this:</p> <ul style="list-style-type: none"> <li>- Configure a digital input as 'Hysteresis low threshold DI7' and wire the hysteresis low threshold logic signal to this input.</li> <li>- Configure a digital input as 'Hysteresis high threshold DI7' and wire the hysteresis high threshold logic signal to this input.</li> <li>- Configure a digital output as 'Hysteresis output activation on DI7' and wire this output to the hysteresis control</li> <li>- Select the direction of activation/deactivation of the control</li> </ul>

<b>Variable</b>	Hysteresis 8 enable for digital input
<b>Address</b>	[2776]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: No 1: Yes
<b>Description</b>	<p>This parameter enables the eighth hysteresis function on logic threshold to be activated.</p> <p>To do this:</p> <ul style="list-style-type: none"> <li>- Configure a digital input as 'Hysteresis low threshold DI8' and wire the hysteresis low threshold logic signal to this input.</li> <li>- Configure a digital input as 'Hysteresis high threshold DI8' and wire the hysteresis high threshold logic signal to this input.</li> <li>- Configure a digital output as 'Hysteresis output activation on DI8' and wire this output to the hysteresis control</li> <li>- Select the direction of activation/deactivation of the control</li> </ul>

## MODBUS TABLE

<b>Variable</b>	Timer ON hysteresis 1
<b>Address</b>	[2777]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This parameter allows to set the time between the moment when the activation threshold is reached and the moment when the command is activated.

<b>Variable</b>	Timer ON hysteresis 2
<b>Address</b>	[2778]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This parameter allows to set the time between the moment when the activation threshold is reached and the moment when the command is activated.

<b>Variable</b>	Timer ON hysteresis 3
<b>Address</b>	[2779]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This parameter allows to set the time between the moment when the activation threshold is reached and the moment when the command is activated.



## MODBUS TABLE

<b>Variable</b>	Timer ON hysteresis 4
<b>Address</b>	[2780]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This parameter allows to set the time between the moment when the activation threshold is reached and the moment when the command is activated.

<b>Variable</b>	Timer ON hysteresis 5
<b>Address</b>	[2781]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This parameter allows to set the time between the moment when the activation threshold is reached and the moment when the command is activated.

<b>Variable</b>	Timer ON hysteresis 6
<b>Address</b>	[2782]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This parameter allows to set the time between the moment when the activation threshold is reached and the moment when the command is activated.

## MODBUS TABLE

<b>Variable</b>	Timer ON hysteresis 7
<b>Address</b>	[2783]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This parameter allows to set the time between the moment when the activation threshold is reached and the moment when the command is activated.

<b>Variable</b>	Timer ON hysteresis 8
<b>Address</b>	[2784]
<b>Scale Factor</b>	1
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	9999
<b>Description</b>	This parameter allows to set the time between the moment when the activation threshold is reached and the moment when the command is activated.

<b>Variable</b>	Direction hysteresis 1
<b>Address</b>	[2785]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	This parameter allows to set the direction in which the hysteresis should work. 2 choices are possible: - Activate the command when the low threshold is active and deactivate it when the high threshold is active - Activate the command when the high threshold is active and deactivate it when the low threshold is active

## MODBUS TABLE

<b>Variable</b>	Direction hysteresis 2
<b>Address</b>	[2786]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	This parameter allows to set the direction in which the hysteresis should work. 2 choices are possible: - Activate the command when the low threshold is active and deactivate it when the high threshold is active - Activate the command when the high threshold is active and deactivate it when the low threshold is active

<b>Variable</b>	Direction hysteresis 3
<b>Address</b>	[2787]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	This parameter allows to set the direction in which the hysteresis should work. 2 choices are possible: - Activate the command when the low threshold is active and deactivate it when the high threshold is active - Activate the command when the high threshold is active and deactivate it when the low threshold is active

<b>Variable</b>	Direction hysteresis 4
<b>Address</b>	[2788]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	This parameter allows to set the direction in which the hysteresis should work. 2 choices are possible: - Activate the command when the low threshold is active and deactivate it when the high threshold is active - Activate the command when the high threshold is active and deactivate it when the low threshold is active

## MODBUS TABLE

<b>Variable</b>	Direction hysteresis 5
<b>Address</b>	[2789]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	This parameter allows to set the direction in which the hysteresis should work. 2 choices are possible: - Activate the command when the low threshold is active and deactivate it when the high threshold is active - Activate the command when the high threshold is active and deactivate it when the low threshold is active

<b>Variable</b>	Direction hysteresis 6
<b>Address</b>	[2790]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	This parameter allows to set the direction in which the hysteresis should work. 2 choices are possible: - Activate the command when the low threshold is active and deactivate it when the high threshold is active - Activate the command when the high threshold is active and deactivate it when the low threshold is active

<b>Variable</b>	Direction hysteresis 7
<b>Address</b>	[2791]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	This parameter allows to set the direction in which the hysteresis should work. 2 choices are possible: - Activate the command when the low threshold is active and deactivate it when the high threshold is active - Activate the command when the high threshold is active and deactivate it when the low threshold is active

## MODBUS TABLE

<b>Variable</b>	Direction hysteresis 8
<b>Address</b>	[2792]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>List</b>	0: Set on low threshold, reset on high threshold 1: Set on high threshold, reset on low threshold
<b>Description</b>	This parameter allows to set the direction in which the hysteresis should work. 2 choices are possible: - Activate the command when the low threshold is active and deactivate it when the high threshold is active - Activate the command when the high threshold is active and deactivate it when the low threshold is active

## DIGITAL INPUT FUNCTIONS

### SOURCE A

<b>Variable</b>	Breaker feedback
<b>Address</b>	[4501]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Breaker position feedback, when active the breaker is considered closed.

<b>Variable</b>	Circuit-breaker closing sequence activation
<b>Address</b>	[4502]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Starts circuit-breaker closing sequence (with or without synchronization, depending on conditions).

<b>Variable</b>	AB or BA
<b>Address</b>	[4637]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Input to change synchronisation bus and reference bus when synchronisation is requested between 2 bus. 0 : Synchronization of A side to B side / 1 : Synchroniation of B side to A side

## INPUTS/OUTPUTS

<b>Variable</b>	Digital output 1 forced
<b>Address</b>	[4630]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activating this input will force activation of digital ouput 1.

<b>Variable</b>	Digital output 2 forced
<b>Address</b>	[4631]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activating this input will force activation of digital ouput 2.

<b>Variable</b>	Digital output 3 forced
<b>Address</b>	[4632]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activating this input will force activation of digital ouput 3.

## MODBUS TABLE

<b>Variable</b>	Digital output 4 forced
<b>Address</b>	[4633]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activating this input will force activation of digital ouput 4.

<b>Variable</b>	Digital output 5 forced
<b>Address</b>	[4634]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activating this input will force activation of digital ouput 5.

<b>Variable</b>	Digital output 6 forced
<b>Address</b>	[4635]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activating this input will force activation of digital ouput 6.

<b>Variable</b>	Relay 1 forced
<b>Address</b>	[4950]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activating this input will force activation of relay ouput 1.



## MODBUS TABLE

<b>Variable</b>	Relay 2 forced
<b>Address</b>	[4951]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	3
<b>Description</b>	Activating this input will force activation of relay output 2.

## ALTERNATIVE SELECTIONS

<b>Variable</b>	Alternative selection 1
<b>Address</b>	[4594]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 2
<b>Address</b>	[4595]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

## MODBUS TABLE

<b>Variable</b>	Alternative selection 3
<b>Address</b>	[4596]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 4
<b>Address</b>	[4597]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 5
<b>Address</b>	[4598]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

## MODBUS TABLE

<b>Variable</b>	Alternative selection 6
<b>Address</b>	[4599]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 7
<b>Address</b>	[4600]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 8
<b>Address</b>	[4601]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

## MODBUS TABLE

<b>Variable</b>	Alternative selection 9
<b>Address</b>	[4602]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 10
<b>Address</b>	[4603]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 11
<b>Address</b>	[4604]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

## MODBUS TABLE

<b>Variable</b>	Alternative selection 12
<b>Address</b>	[4605]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 13
<b>Address</b>	[4606]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Available variable to toggle a parameter between 2 values. See Alternative selection function.

<b>Variable</b>	Alternative selection 14
<b>Address</b>	[4607]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	14th available variable to switch a parameter between 2 values

<b>Variable</b>	Alternative selection 15
<b>Address</b>	[4608]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	15th available variable to switch a parameter between 2 values

## MODBUS TABLE

<b>Variable</b>	Alternative selection 16
<b>Address</b>	[4609]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	16th available variable to switch a parameter between 2 values

## HYSTERESIS

<b>Variable</b>	Hysteresis low threshold DI1
<b>Address</b>	[4614]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis low threshold.

<b>Variable</b>	Hysteresis low threshold DI2
<b>Address</b>	[4615]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis low threshold.

<b>Variable</b>	Hysteresis low threshold DI3
<b>Address</b>	[4616]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis low threshold.

## MODBUS TABLE

<b>Variable</b>	Hysteresis low threshold DI4
<b>Address</b>	[4617]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis low threshold.

<b>Variable</b>	Hysteresis low threshold DI5
<b>Address</b>	[4618]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis low threshold.

<b>Variable</b>	Hysteresis low threshold DI6
<b>Address</b>	[4619]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis low threshold.

<b>Variable</b>	Hysteresis low threshold DI7
<b>Address</b>	[4620]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis low threshold.

## MODBUS TABLE

<b>Variable</b>	Hysteresis low threshold DI8
<b>Address</b>	[4621]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis low threshold.

<b>Variable</b>	Hysteresis high threshold DI1
<b>Address</b>	[4622]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis high threshold.

<b>Variable</b>	Hysteresis high threshold DI2
<b>Address</b>	[4623]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis high threshold.

<b>Variable</b>	Hysteresis high threshold DI3
<b>Address</b>	[4624]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis high threshold.



## MODBUS TABLE

<b>Variable</b>	Hysteresis high threshold DI4
<b>Address</b>	[4625]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis high threshold.

<b>Variable</b>	Hysteresis high threshold DI5
<b>Address</b>	[4626]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis high threshold.

<b>Variable</b>	Hysteresis high threshold DI6
<b>Address</b>	[4627]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis high threshold.

<b>Variable</b>	Hysteresis high threshold DI7
<b>Address</b>	[4628]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis high threshold.

## MODBUS TABLE

<b>Variable</b>	Hysteresis high threshold DI8
<b>Address</b>	[4629]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activate to trigger the corresponding hysteresis high threshold.

## REMOTE BUTTONS

<b>Variable</b>	Remote faults reset
<b>Address</b>	[4506]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	External reset. Acknowledgement of alarm/fault present in display pages (same action as shift+I reset).

<b>Variable</b>	Manual mode request
<b>Address</b>	[4511]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Force controller in manual mode, same effect as MAN button.

## MODBUS TABLE

<b>Variable</b>	Manual mode inhibition
<b>Address</b>	[4512]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Prevent controller to go in manual mode (Remotely or front panel).

<b>Variable</b>	Auto mode request
<b>Address</b>	[4513]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Force controller in auto mode, same effect as AUTO button.

<b>Variable</b>	Breaker opening in manual mode
<b>Address</b>	[4518]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Manual request to open circuit-breaker (alternative to front panel buttons). Active in manual mode only.

<b>Variable</b>	Breaker closing in manual mode
<b>Address</b>	[4520]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Manual request to close circuit-breaker (alternative to front panel buttons). Active in manual mode only.

## MODBUS TABLE

<b>Variable</b>	Stop horn
<b>Address</b>	[4530]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	External horn stop request. Used when Horn output is configured.

<b>Variable</b>	Led test
<b>Address</b>	[4580]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Activates all LEDs of the module in order to check that the LEDs work

<b>Variable</b>	Test mode request
<b>Address</b>	[4590]
<b>Scale Factor</b>	0
<b>Type</b>	Unsigned integer 16 bits
<b>Read/Write</b>	Read/Write
<b>Min value</b>	0
<b>Max value</b>	15
<b>Description</b>	Force controller in test mode, same effect as TEST button.

## BITFIELDS

### INPUTS/OUTPUTS

<b>Variable</b>	Physical status of digital input 1
<b>Address</b>	[953.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

<b>Variable</b>	Physical status of digital input 2
<b>Address</b>	[953.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

<b>Variable</b>	Physical status of digital input 3
<b>Address</b>	[953.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

<b>Variable</b>	Physical status of digital input 4
<b>Address</b>	[953.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

<b>Variable</b>	Physical status of digital input 5
<b>Address</b>	[953.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

## MODBUS TABLE

<b>Variable</b>	Physical status of digital input 6
<b>Address</b>	[953.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

<b>Variable</b>	Physical status of digital input 7
<b>Address</b>	[953.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

<b>Variable</b>	Physical status of digital input 8
<b>Address</b>	[953.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

<b>Variable</b>	Physical status of digital input 9
<b>Address</b>	[953.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical state of the digital input (without application of polarity, validity and time delays)

<b>Variable</b>	Digital input 1
<b>Address</b>	[954.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical status of digital inputs (including analog inputs converted in digital): 1 = Input connected to negative, 0 = Input not connected. Check documentation for complete list

<b>Variable</b>	Digital input 2
<b>Address</b>	[954.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Digital input 3
<b>Address</b>	[954.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital input 4
<b>Address</b>	[954.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital input 5
<b>Address</b>	[954.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital input 6
<b>Address</b>	[954.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital input 7
<b>Address</b>	[954.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital input 8
<b>Address</b>	[954.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital input 9
<b>Address</b>	[954.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Analog input 1 setup as digital input
<b>Address</b>	[954.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Analog input 2 setup as digital input
<b>Address</b>	[954.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Analog input 3 setup as digital input
<b>Address</b>	[954.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital output 1
<b>Address</b>	[957.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical status of digital outputs/relay : 1 = powered or closed, 0 = open. Check documentation for complete list

<b>Variable</b>	Digital output 2
<b>Address</b>	[957.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital output 3
<b>Address</b>	[957.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital output 4
<b>Address</b>	[957.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-



## MODBUS TABLE

<b>Variable</b>	Digital output 5
<b>Address</b>	[957.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Digital output 6
<b>Address</b>	[957.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Relay 1
<b>Address</b>	[957.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Relay 2
<b>Address</b>	[957.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## I/O CAN BUS EXPANSION

<b>Variable</b>	CANopen digital Input 1
<b>Address</b>	[955.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical status of CAN Open inputs : 1 = Input conected to negative, 0 = Input not conected. Check documentation for complete list

<b>Variable</b>	CANopen digital Input 2
<b>Address</b>	[955.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Input 3
<b>Address</b>	[955.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 4
<b>Address</b>	[955.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 5
<b>Address</b>	[955.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 6
<b>Address</b>	[955.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 7
<b>Address</b>	[955.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 8
<b>Address</b>	[955.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 9
<b>Address</b>	[955.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Input 10
<b>Address</b>	[955.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 11
<b>Address</b>	[955.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 12
<b>Address</b>	[955.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 13
<b>Address</b>	[955.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 14
<b>Address</b>	[955.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 15
<b>Address</b>	[955.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 16
<b>Address</b>	[955.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Input 17
<b>Address</b>	[956.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical status of CAN Open inputs : 1 = Input conected to negative, 0 = Input not conected. Check documentation for complete list

<b>Variable</b>	CANopen digital Input 18
<b>Address</b>	[956.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 19
<b>Address</b>	[956.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 20
<b>Address</b>	[956.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 21
<b>Address</b>	[956.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 22
<b>Address</b>	[956.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 23
<b>Address</b>	[956.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Input 24
<b>Address</b>	[956.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 25
<b>Address</b>	[956.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 26
<b>Address</b>	[956.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 27
<b>Address</b>	[956.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 28
<b>Address</b>	[956.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 29
<b>Address</b>	[956.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 30
<b>Address</b>	[956.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Input 31
<b>Address</b>	[956.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 32
<b>Address</b>	[956.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 1
<b>Address</b>	[958.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical status of CAN Open inputs : 1 = Input connected to negative, 0 = Input not connected. Check documentation for complete list

<b>Variable</b>	CANopen digital Output 2
<b>Address</b>	[958.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 3
<b>Address</b>	[958.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 4
<b>Address</b>	[958.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 5
<b>Address</b>	[958.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Output 6
<b>Address</b>	[958.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 7
<b>Address</b>	[958.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 8
<b>Address</b>	[958.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 9
<b>Address</b>	[958.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 10
<b>Address</b>	[958.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 11
<b>Address</b>	[958.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 12
<b>Address</b>	[958.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANOpen digital Output 13
<b>Address</b>	[958.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 14
<b>Address</b>	[958.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 15
<b>Address</b>	[958.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 16
<b>Address</b>	[958.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 17
<b>Address</b>	[959.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Physical status of CAN Open inputs : 1 = Input connected to negative, 0 = Input not connected. Check documentation for complete list

<b>Variable</b>	CANOpen digital Output 18
<b>Address</b>	[959.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 19
<b>Address</b>	[959.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-



## MODBUS TABLE

<b>Variable</b>	CANopen digital Output 20
<b>Address</b>	[959.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 21
<b>Address</b>	[959.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 22
<b>Address</b>	[959.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 23
<b>Address</b>	[959.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 24
<b>Address</b>	[959.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 25
<b>Address</b>	[959.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 26
<b>Address</b>	[959.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANOpen digital Output 27
<b>Address</b>	[959.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 28
<b>Address</b>	[959.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 29
<b>Address</b>	[959.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 30
<b>Address</b>	[959.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 31
<b>Address</b>	[959.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Output 32
<b>Address</b>	[959.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 33
<b>Address</b>	[978.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANOpen digital Input 34
<b>Address</b>	[978.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 35
<b>Address</b>	[978.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 36
<b>Address</b>	[978.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 37
<b>Address</b>	[978.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 38
<b>Address</b>	[978.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 39
<b>Address</b>	[978.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 40
<b>Address</b>	[978.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANOpen digital Input 41
<b>Address</b>	[978.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 42
<b>Address</b>	[978.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 43
<b>Address</b>	[978.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 44
<b>Address</b>	[978.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 45
<b>Address</b>	[978.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 46
<b>Address</b>	[978.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 47
<b>Address</b>	[978.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANOpen digital Input 48
<b>Address</b>	[978.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 49
<b>Address</b>	[979.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 50
<b>Address</b>	[979.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 51
<b>Address</b>	[979.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 52
<b>Address</b>	[979.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 53
<b>Address</b>	[979.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 54
<b>Address</b>	[979.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANOpen digital Input 55
<b>Address</b>	[979.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 56
<b>Address</b>	[979.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 57
<b>Address</b>	[979.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 58
<b>Address</b>	[979.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 59
<b>Address</b>	[979.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 60
<b>Address</b>	[979.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANOpen digital Input 61
<b>Address</b>	[979.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Input 62
<b>Address</b>	[979.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 63
<b>Address</b>	[979.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Input 64
<b>Address</b>	[979.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 33
<b>Address</b>	[980.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 34
<b>Address</b>	[980.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 35
<b>Address</b>	[980.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 36
<b>Address</b>	[980.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Output 37
<b>Address</b>	[980.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 38
<b>Address</b>	[980.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 39
<b>Address</b>	[980.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 40
<b>Address</b>	[980.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 41
<b>Address</b>	[980.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 42
<b>Address</b>	[980.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 43
<b>Address</b>	[980.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-



## MODBUS TABLE

<b>Variable</b>	CANopen digital Output 44
<b>Address</b>	[980.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 45
<b>Address</b>	[980.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 46
<b>Address</b>	[980.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 47
<b>Address</b>	[980.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 48
<b>Address</b>	[980.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 49
<b>Address</b>	[981.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 50
<b>Address</b>	[981.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Output 51
<b>Address</b>	[981.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 52
<b>Address</b>	[981.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 53
<b>Address</b>	[981.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 54
<b>Address</b>	[981.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 55
<b>Address</b>	[981.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 56
<b>Address</b>	[981.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 57
<b>Address</b>	[981.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	CANopen digital Output 58
<b>Address</b>	[981.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 59
<b>Address</b>	[981.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 60
<b>Address</b>	[981.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 61
<b>Address</b>	[981.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 62
<b>Address</b>	[981.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 63
<b>Address</b>	[981.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen digital Output 64
<b>Address</b>	[981.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

POWER PLANT

<b>Variable</b>	Generator No.1 circuit breaker position
<b>Address</b>	[562.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.2 circuit breaker position
<b>Address</b>	[562.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.3 circuit breaker position
<b>Address</b>	[562.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.4 circuit breaker position
<b>Address</b>	[562.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.5 circuit breaker position
<b>Address</b>	[562.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.6 circuit breaker position
<b>Address</b>	[562.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

## MODBUS TABLE

<b>Variable</b>	Generator No.7 circuit breaker position
<b>Address</b>	[562.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.8 circuit breaker position
<b>Address</b>	[562.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.9 circuit breaker position
<b>Address</b>	[562.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.10 circuit breaker position
<b>Address</b>	[562.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.11 circuit breaker position
<b>Address</b>	[562.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.12 circuit breaker position
<b>Address</b>	[562.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.13 circuit breaker position
<b>Address</b>	[562.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

## MODBUS TABLE

<b>Variable</b>	Generator No.14 circuit breaker position
<b>Address</b>	[562.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.15 circuit breaker position
<b>Address</b>	[562.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.16 circuit breaker position
<b>Address</b>	[562.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.17 circuit breaker position
<b>Address</b>	[563.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.18 circuit breaker position
<b>Address</b>	[563.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.19 circuit breaker position
<b>Address</b>	[563.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.20 circuit breaker position
<b>Address</b>	[563.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

## MODBUS TABLE

<b>Variable</b>	Generator No.21 circuit breaker position
<b>Address</b>	[563.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.22 circuit breaker position
<b>Address</b>	[563.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.23 circuit breaker position
<b>Address</b>	[563.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.24 circuit breaker position
<b>Address</b>	[563.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.25 circuit breaker position
<b>Address</b>	[563.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.26 circuit breaker position
<b>Address</b>	[563.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.27 circuit breaker position
<b>Address</b>	[563.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

## MODBUS TABLE

<b>Variable</b>	Generator No.28 circuit breaker position
<b>Address</b>	[563.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.29 circuit breaker position
<b>Address</b>	[563.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.30 circuit breaker position
<b>Address</b>	[563.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.31 circuit breaker position
<b>Address</b>	[563.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Generator No.32 circuit breaker position
<b>Address</b>	[563.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	0 if circuit breaker opened, 1 if circuit breaker closed

<b>Variable</b>	Mains/tie breaker No.1 circuit breaker position
<b>Address</b>	[976.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.



## MODBUS TABLE

<b>Variable</b>	Mains/tie breaker No.2 circuit breaker position
<b>Address</b>	[976.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.3 circuit breaker position
<b>Address</b>	[976.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.4 circuit breaker position
<b>Address</b>	[976.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.5 circuit breaker position
<b>Address</b>	[976.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.6 circuit breaker position
<b>Address</b>	[976.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

## MODBUS TABLE

<b>Variable</b>	Mains/tie breaker No.7 circuit breaker position
<b>Address</b>	[976.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.8 circuit breaker position
<b>Address</b>	[976.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.9 circuit breaker position
<b>Address</b>	[976.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.10 circuit breaker position
<b>Address</b>	[976.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.11 circuit breaker position
<b>Address</b>	[976.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

## MODBUS TABLE

<b>Variable</b>	Mains/tie breaker No.12 circuit breaker position
<b>Address</b>	[976.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.13 circuit breaker position
<b>Address</b>	[976.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.14 circuit breaker position
<b>Address</b>	[976.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.15 circuit breaker position
<b>Address</b>	[976.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.16 circuit breaker position
<b>Address</b>	[976.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

## MODBUS TABLE

<b>Variable</b>	Mains/tie breaker No.17 circuit breaker position
<b>Address</b>	[977.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.18 circuit breaker position
<b>Address</b>	[977.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.19 circuit breaker position
<b>Address</b>	[977.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.20 circuit breaker position
<b>Address</b>	[977.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.21 circuit breaker position
<b>Address</b>	[977.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

## MODBUS TABLE

<b>Variable</b>	Mains/tie breaker No.22 circuit breaker position
<b>Address</b>	[977.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.23 circuit breaker position
<b>Address</b>	[977.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.24 circuit breaker position
<b>Address</b>	[977.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.25 circuit breaker position
<b>Address</b>	[977.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.26 circuit breaker position
<b>Address</b>	[977.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

## MODBUS TABLE

<b>Variable</b>	Mains/tie breaker No.27 circuit breaker position
<b>Address</b>	[977.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.28 circuit breaker position
<b>Address</b>	[977.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.29 circuit breaker position
<b>Address</b>	[977.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.30 circuit breaker position
<b>Address</b>	[977.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

<b>Variable</b>	Mains/tie breaker No.31 circuit breaker position
<b>Address</b>	[977.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

## MODBUS TABLE

<b>Variable</b>	Mains/tie breaker No.32 circuit breaker position
<b>Address</b>	[977.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	On MASTER COMPACT 1B, 0 if circuit breaker opened, 1 if circuit breaker closed. On MASTER COMPACT, 0 if at least 1 of the 2 circuit breakers is opened, 1 if both circuit breakers are closed. On BTB COMPACT, 0 if circuit breaker opened, 1 if circuit breaker closed.

## SOURCE A PROTECTIONS

<b>Variable</b>	Over voltage level 1 active as an alarm
<b>Address</b>	[962.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Over voltage level 2 active as an alarm
<b>Address</b>	[962.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under voltage level 1 active as an alarm
<b>Address</b>	[962.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under voltage level 2 active as an alarm
<b>Address</b>	[962.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Over voltage level 1 active as a fault
<b>Address</b>	[963.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Over voltage level 2 active as a fault
<b>Address</b>	[963.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under voltage level 1 active as a fault
<b>Address</b>	[963.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under voltage level 2 active as a fault
<b>Address</b>	[963.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Mismatch rotophases level 1
<b>Address</b>	[4053.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Mismatch rotophases level 2
<b>Address</b>	[4053.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source A over frequency level 1
<b>Address</b>	[4250.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source A over frequency level 2
<b>Address</b>	[4250.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.



## MODBUS TABLE

<b>Variable</b>	Source A under frequency level 1
<b>Address</b>	[4251.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source A under frequency level 2
<b>Address</b>	[4251.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source A over voltage level 1
<b>Address</b>	[4252.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source A over voltage level 2
<b>Address</b>	[4252.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source A under voltage level 1
<b>Address</b>	[4253.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source A under voltage level 2
<b>Address</b>	[4253.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source A voltage unbalance level 1
<b>Address</b>	[4268.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

## MODBUS TABLE

<b>Variable</b>	Source A voltage unbalance level 2
<b>Address</b>	[4268.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source A rotophase level 1
<b>Address</b>	[4272.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source A rotophase level 2
<b>Address</b>	[4272.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

## SOURCE B PROTECTIONS

<b>Variable</b>	Over frequency level 1 active as an alarm
<b>Address</b>	[966.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	For Modbus reading

<b>Variable</b>	Over frequency level 2 active as an alarm
<b>Address</b>	[966.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under frequency level 1 active as an alarm
<b>Address</b>	[966.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Under frequency level 2 active as an alarm
<b>Address</b>	[966.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Over voltage level 1 active as an alarm
<b>Address</b>	[966.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Over voltage level 2 active as an alarm
<b>Address</b>	[966.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under voltage level 1 active as an alarm
<b>Address</b>	[966.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under voltage level 2 active as an alarm
<b>Address</b>	[966.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Over frequency level 1 active as a fault
<b>Address</b>	[967.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	For Modbus reading

<b>Variable</b>	Under frequency level 1 active as a fault
<b>Address</b>	[967.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Under frequency level 2 active as a fault
<b>Address</b>	[967.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Over voltage level 1 active as a fault
<b>Address</b>	[967.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Over voltage level 2 active as a fault
<b>Address</b>	[967.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under voltage level 1 active as a fault
<b>Address</b>	[967.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Under voltage level 2 active as a fault
<b>Address</b>	[967.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Source B over frequency level 1
<b>Address</b>	[4300.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source B over frequency level 2
<b>Address</b>	[4300.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

## MODBUS TABLE

<b>Variable</b>	Source B under frequency level 1
<b>Address</b>	[4301.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source B under frequency level 2
<b>Address</b>	[4301.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source B over voltage level 1
<b>Address</b>	[4302.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source B over voltage level 2
<b>Address</b>	[4302.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source B under voltage level 1
<b>Address</b>	[4303.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source B under voltage level 2
<b>Address</b>	[4303.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source B voltage unbalance level 1
<b>Address</b>	[4314.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

## MODBUS TABLE

<b>Variable</b>	Source B voltage unbalance level 2
<b>Address</b>	[4314.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Source B rotophase level 1
<b>Address</b>	[4318.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Source B rotophase level 2
<b>Address</b>	[4318.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

## OTHER PROTECTIONS

<b>Variable</b>	Battery minimum voltage level 1
<b>Address</b>	[4202.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

<b>Variable</b>	Battery minimum voltage level 2
<b>Address</b>	[4202.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

<b>Variable</b>	Battery maximum voltage level 1
<b>Address</b>	[4203.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 1 protection triggered.

## MODBUS TABLE

<b>Variable</b>	Battery maximum voltage level 2
<b>Address</b>	[4203.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active when the level 2 protection triggered.

## COMMUNICATION

<b>Variable</b>	Write date/time
<b>Address</b>	[3015.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Write engine meters
<b>Address</b>	[3015.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Write input functions
<b>Address</b>	[3015.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Reading via Modbus TCP
<b>Address</b>	[3015.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Writing via Modbus TCP
<b>Address</b>	[3015.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

OTHERS

<b>Variable</b>	New fault occurred: Fault LED is blinking
<b>Address</b>	[950.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Bitfield about protection status of the controller: Bit 4 = 1 : Engine running Bit 3 = 1 : Alarm exist & acknowledged : Alarm LED is on Bit 2 = 1 : Fault exist & acknowledged : Fault LED is on Bit 1 = 1 : New alarm occurred : Alarm LED is blinking Bit 0 = 1 : New fault occurred : Fault LED is blinking

<b>Variable</b>	New alarm occurred: Alarm LED is blinking
<b>Address</b>	[950.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Fault exist: Fault LED is on
<b>Address</b>	[950.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Alarm exist: Alarm LED is on
<b>Address</b>	[950.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Battery minimum voltage level 1 active as an alarm
<b>Address</b>	[960.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Battery minimum voltage level 2 active as an alarm
<b>Address</b>	[960.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-



## MODBUS TABLE

<b>Variable</b>	Battery maximum voltage 1 active as an alarm
<b>Address</b>	[960.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Battery maximum voltage level 2 active as an alarm
<b>Address</b>	[960.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Battery minimal voltage level 1 active as a fault
<b>Address</b>	[961.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Battery minimal voltage level 2 active as a fault
<b>Address</b>	[961.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Battery maximum voltage level 1 active as a fault
<b>Address</b>	[961.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Battery maximum voltage level 2 active as a fault
<b>Address</b>	[961.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Fail to synchronize active as an alarm
<b>Address</b>	[970.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	For Modbus reading

## MODBUS TABLE

<b>Variable</b>	CAN1 controllers communication fault active as an alarm
<b>Address</b>	[970.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 1 (level 1) active as an alarm
<b>Address</b>	[970.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 1 (level 2) active as an alarm
<b>Address</b>	[970.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 2 (level 1) active as an alarm
<b>Address</b>	[970.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 2 (level 2) active as an alarm
<b>Address</b>	[970.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 3 (level 1) active as an alarm
<b>Address</b>	[970.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 3 (level 2) active as an alarm
<b>Address</b>	[970.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Fail to synchronize active as a fault
<b>Address</b>	[971.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	For Modbus reading

<b>Variable</b>	CAN1 controllers communication fault active as a fault
<b>Address</b>	[971.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 1 (level 1) active as a fault
<b>Address</b>	[971.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 1 (level 2) active as a fault
<b>Address</b>	[971.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 2 (level 1) active as a fault
<b>Address</b>	[971.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 2 (level 2) active as a fault
<b>Address</b>	[971.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Minimum/maximum analog measure 3 (level 1) active as a fault
<b>Address</b>	[971.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Minimum/maximum analog measure 3 (level 2) active as a fault
<b>Address</b>	[971.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Fail to close bus breaker active as a fault
<b>Address</b>	[971.10]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Fail to open bus breaker active as a fault
<b>Address</b>	[971.11]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Bus breaker open suddently active as a fault
<b>Address</b>	[971.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Bus breaker close suddently active as a fault
<b>Address</b>	[971.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen error active as an alarm
<b>Address</b>	[972.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	For Modbus reading

<b>Variable</b>	Overload microcontroler active as an alarm
<b>Address</b>	[972.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Emergency stop active as a fault
<b>Address</b>	[973.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CANopen error active as a fault
<b>Address</b>	[973.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CAN1 missing MASTER active as an alarm
<b>Address</b>	[974.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	For Modbus reading

<b>Variable</b>	Source A voltage unbalance level 1 active as an alarm
<b>Address</b>	[974.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Source A voltage unbalance level 2 active as an alarm
<b>Address</b>	[974.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Source B voltage unbalance level 1 active as an alarm
<b>Address</b>	[974.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Source B voltage unbalance level 2 active as an alarm
<b>Address</b>	[974.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Overflow in equation active as an alarm
<b>Address</b>	[974.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CAN1 missing PRIME active as an alarm
<b>Address</b>	[974.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CAN1 mismatch protocol version alarm active
<b>Address</b>	[974.15]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CAN1 missing MASTER active as a fault
<b>Address</b>	[975.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	For Modbus reading

<b>Variable</b>	Source A voltage unbalance level 1 active as a fault
<b>Address</b>	[975.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Source A voltage unbalance level 2 active as a fault
<b>Address</b>	[975.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Source B voltage unbalance level 1 active as a fault
<b>Address</b>	[975.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	Source B voltage unbalance level 2 active as a fault
<b>Address</b>	[975.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	CAN1 missing PRIME active as a fault
<b>Address</b>	[975.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## STATUSES

<b>Variable</b>	Fault
<b>Address</b>	[952.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Bus voltage
<b>Address</b>	[952.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	AUTO
<b>Address</b>	[952.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	MAN
<b>Address</b>	[952.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## MODBUS TABLE

<b>Variable</b>	TEST
<b>Address</b>	[952.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Bus breaker
<b>Address</b>	[952.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Alarm
<b>Address</b>	[952.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

<b>Variable</b>	Bus voltage
<b>Address</b>	[952.8]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	-

## REMOTE BUTTONS

<b>Variable</b>	Shift button
<b>Address</b>	[951.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Right arrow button
<b>Address</b>	[951.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.



## MODBUS TABLE

<b>Variable</b>	Down arrow button
<b>Address</b>	[951.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Left arrow button
<b>Address</b>	[951.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Up arrow button
<b>Address</b>	[951.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Enter button
<b>Address</b>	[951.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Esc button
<b>Address</b>	[951.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Fault/Alarm/info button
<b>Address</b>	[951.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Breaker button
<b>Address</b>	[951.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

## MODBUS TABLE

<b>Variable</b>	Man button
<b>Address</b>	[951.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Test button
<b>Address</b>	[951.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Auto button
<b>Address</b>	[951.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Active (1) if the button is pressed. Inactive (0) otherwise.

<b>Variable</b>	Shift button inhibition
<b>Address</b>	[8102.0]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Right arrow button inhibition
<b>Address</b>	[8102.1]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Down arrow button inhibition
<b>Address</b>	[8102.2]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Left arrow button inhibition
<b>Address</b>	[8102.3]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

## MODBUS TABLE

<b>Variable</b>	Up arrow button inhibition
<b>Address</b>	[8102.4]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Enter button inhibition
<b>Address</b>	[8102.5]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Esc button inhibition
<b>Address</b>	[8102.6]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Fault/Alarm/info button inhibition
<b>Address</b>	[8102.7]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Breaker button inhibition
<b>Address</b>	[8102.9]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Man button inhibition
<b>Address</b>	[8102.12]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

<b>Variable</b>	Test button inhibition
<b>Address</b>	[8102.13]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button

## MODBUS TABLE

<b>Variable</b>	Auto button inhibition
<b>Address</b>	[8102.14]
<b>Type</b>	Bitfield 16 bits
<b>Description</b>	Allows to disable (1) or enable (0) the button