

- ②② terminal used by the DYN2-94026
- ⑨ terminal used by the UNIGEN PLUS
- ⓧ connexions not used by the DYN2-94026

- Note for the droop mode:  
Power-con terminal 35: dry contact to paralleling lines  
Unigen terminal 4: dry contact to 0V

**DYN2-94026 / UNIGEN PLUS**  
Application note -  
Replacement of a DYN2-94026 by a Unigen PLUS

REV.	DESCRIPT	DATE	PAR
d			
c			
b			
a	Création	10-10-06	SF

N°DESSIN  
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**Replacement of a DYN2-94026 'power-con' by a Unigen Plus**

<b>Signal</b>	<b>DYN2-94026</b>	<b>Unigen Plus</b>
Voltage phase L1 Gen	1	28
Voltage phase L2 Gen	2	29
Voltage phase L3 Gen	3	30
Current phase CT1 or 1+ Gen	4	22
Current phase Common or 1- Gen	7	23
Current phase CT2 or 2+ Gen	5	24
Current phase Common or 2- Gen	7	25
Current phase CT3 or 3+ Gen	6	26
Current phase Common or 3- Gen	7	27
Voltage phase L1 Bus	8	51
Voltage phase L3 Bus	9	53
Reverse power relay	14	9
Reverse power relay	15	10
Trip out relay	19	7
Trip out relay	20	8
Breaker close relay	21	34
Breaker close relay	22	35
power supply +	23	1
power supply -	24	2
External power setpoint CW	25	42
External power setpoint	26	41
External power setpoint CCW	27	40
governor speed out	28	17
governor speed ref	29	18
Speed setpoint CCW	30	16
Speed setpoint	31	15
Speed setpoint CW	32	14
Power monitor +	33 (4-20mA)	13 (0-20mA)
Power monitor -	34	12
Parralel lines high	36	44
Parralel lines low	37	45
Synch enable	38	3
Breaker auxiliary Enable	40	5
Unload generator enable	43	6
Command mode enable	48	39
Modbus A	49	49
Modbus B	50	50




DYN2-94026 / UNIGEN PLUS

Application note -

Replacement of a DYN2-94026 by a Unigen PLUS

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a	Création	10-10-06	SF	FEUILLE	2 DE 3

Replacement of a DYN2-94026 'power-con' by a Unigen Plus		
Signal	DYN2-94026	Unigen Plus
<b>Others connexions</b>		
Forward power relay	10	Not existant
	11	
	12	
	13	
Voltage increase and decrease relay for synchronisation	16	Not existant
	17	
	18	
Common for inputs	39	Not existant, connect the 0V to the inputs to activate.
	42	
	45	
	47	
Inputs 'load gen', 'breaker trip' and 'blend mode'	41	Not existant, this functions are enable.
	44	
	46	
Power monitor + for 0-5VDC	Not existant	11
Shield of the speed out	Between terminals 24 and 25	19
Voltage out + for AVR	Not existant	20
Voltage out - for AVR	Not existant	21
Neutral voltage for gen	Not existant	31(optionnal)
Start on load request relay for Canbus	Not existant	32
	Not existant	33
Set unavailable input	Not existant	36
Slave input for Canbus	Not existant	37
Input mains paralleled	Not existant	38
Not connected		43
Canbus +	Not existant	46
Canbus -	Not existant	47
Shield of the paralleling lines	Between terminals 37 and 38	48

	DYN2-94026 / UNIGEN PLUS Application note - Replacement of a DYN2-94026 by a Unigen PLUS				
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a	Création	10-10-06	SF	FEUILLE	3 DE 3
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