PRODUCT APPLICATIONS

Innovation
for
better
control

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WHAT PRODUCTS FOR WHICH APPLICATION?

ALL PRODUCT OVERVIEW

APPLICATION EXAMPLE:
Single genset without breaker: key start or auto start controller

REQUIREMENTS
- Start/Stop control
- Engine protections
- No breaker control
- No voltage control
- No speed control

Application compatible with the following modules (from low costs to highend product):
MDM
MDA
ACGEN 2.0
AMF COMPACT (Auto Start Module)

APPLICATION EXAMPLE:
Single genset with 1 generator breaker: auto start controller

REQUIREMENTS
- Start/Stop control
- Engine protections
- Breaker control
- No voltage control
- No speed control

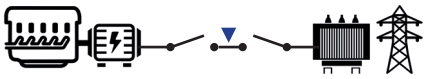
Application compatible with the following modules (from low costs to highend product):
ACGEN 2.0
AMF COMPACT (Auto Start Module)

APPLICATION EXAMPLE:
Change over mode

REQUIREMENTS
- Auto transfert switch
- Breakers control

Application compatible with the following modules (from low costs to highend product):
MNS
ICGEN 2.0

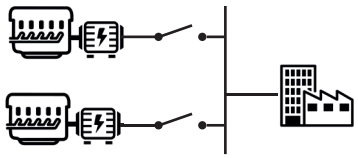
APPLICATION EXAMPLE:
Single standby genset with change over mode (Auto mains failure)



REQUIREMENTS
- Start/Stop control
- Engine protections
- Auto transfert switch
- Breakers control

Application compatible with the following modules (from low costs to highend product):
MDA + MNS
ACGEN 2.0 + ICGEN 2.0
AMF COMPACT

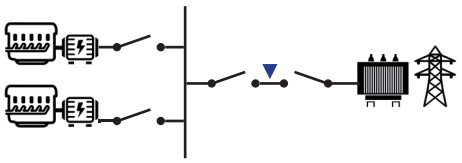
APPLICATION EXAMPLE:
Standby generators with paralleling mode (production or emergency)



REQUIREMENTS
- Start/Stop control
- Engine protections
- Breakers management
- Synchronization
- Load sharing

Application compatible with the following modules (from low costs to highend product):
2 x GENSYS COMPACT PRIME
2 x GENSYS 2.0

APPLICATION EXAMPLE:
Standby generators with paralleling mode with change over mode



REQUIREMENTS
- ATS with Mains
- Start/Stop control
- Engine protections
- Breakers management
- Synchronization
- Load sharing

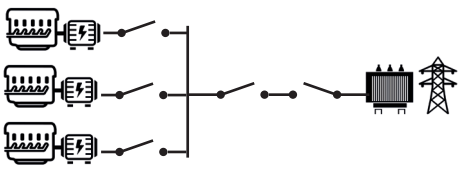
Application compatible with the following modules (from low costs to highend product):
2 x GENSYS COMPACT PRIME + MNS
2 x GENSYS COMPACT PRIME + MASTER COMPACT
2 x GENSYS 2.0 + ICGEN 2.0
2 x GENSYS 2.0 + MASTER 2.0

APPLICATION EXAMPLE:
Single standby genset with mains paralleling mode

REQUIREMENTS
- Start/Stop control
- Engine protections
- Breakers management
- Synchronization
- Power management

Application compatible with the following modules (from low costs to highend product):
GENSYS COMPACT MAINS
GENSYS 2.0

APPLICATION EXAMPLE:
Standby generators with paralleling mode with Mains paralleling function



REQUIREMENTS
- Start/Stop control
- Engine protections
- Breakers management
- Synchronization
- Load sharing
- Power management
- Load shedding
- Mains paralleling

Application compatible with the following modules (from low costs to highend product):
3 x GENSYS COMPACT PRIME + MASTER COMPACT
3 x GENSYS 2.0 + MASTER 2.0

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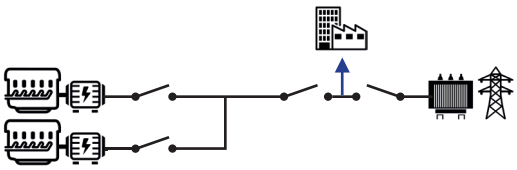
WHAT PRODUCTS FOR WHICH APPLICATION?

COMPACT PRODUCTS OVERVIEW

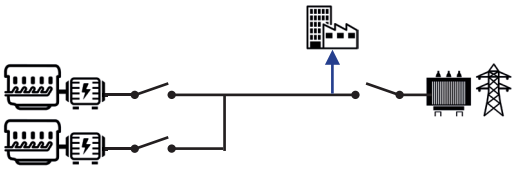


APPLICATION EXAMPLE:

Multiple gensets paralleled with 1 Mains / 2 Breakers

MODULES NEEDED:

- 2 GENSYS COMPACT PRIME
- 1 MASTER COMPACT

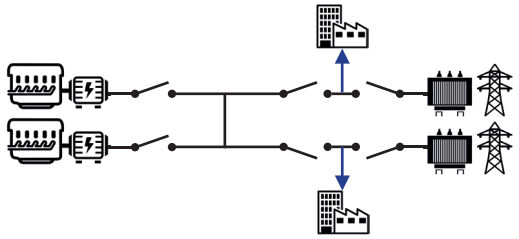


APPLICATION EXAMPLE:

Multiple gensets paralleled with 1 Mains/1 Breaker

MODULES NEEDED:

- 2 GENSYS COMPACT PRIME
- 1 MASTER COMPACT 1B

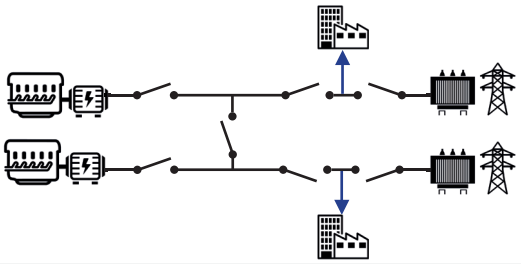


APPLICATION EXAMPLE:

Multiple gensets paralleled with multiple Mains

MODULES NEEDED:

- 2 GENSYS COMPACT PRIME
- 2 MASTER COMPACT

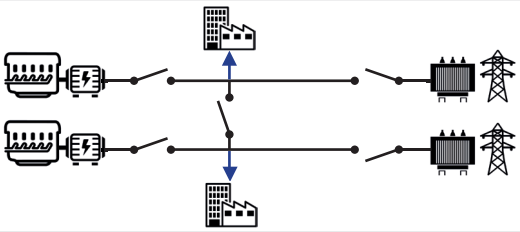


APPLICATION EXAMPLE:

H Configuration with bus Tie Breaker and Mains 2 Breakers

MODULES NEEDED:

- 2 GENSYS COMPACT PRIME
- 2 MASTER COMPACT
- 1 BTB COMPACT

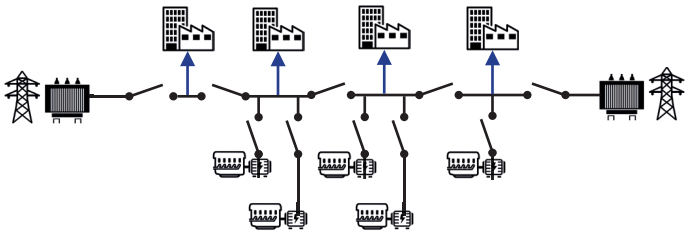


APPLICATION EXAMPLE:

H Configuration with bus Tie Breaker and Mains 1 Breaker

MODULES NEEDED:

- 2 GENSYS COMPACT PRIME
- 2 MASTER COMPACT 1B
- 1 BTB COMPACT



APPLICATION EXAMPLE:

Complexe application with multiple gensets, multiple mains and multiple bus Tie Breaker

MODULES NEEDED:

- 5 GENSYS COMPACT PRIME
- 1 MASTER COMPACT
- 1 MASTER COMPACT 1B
- 2 BTB COMPACT

For direct connection multiple mains application, it is mandatory to use 2 breakers and MASTER COMPACT controller. One breaker and MASTER COMPACT 1B controller will not allow to manage all sequences.

GENSYS COMPACT PRIME

MASTER COMPACT

MASTER COMPACT 1B

BTB COMPACT

I4GEN 10"

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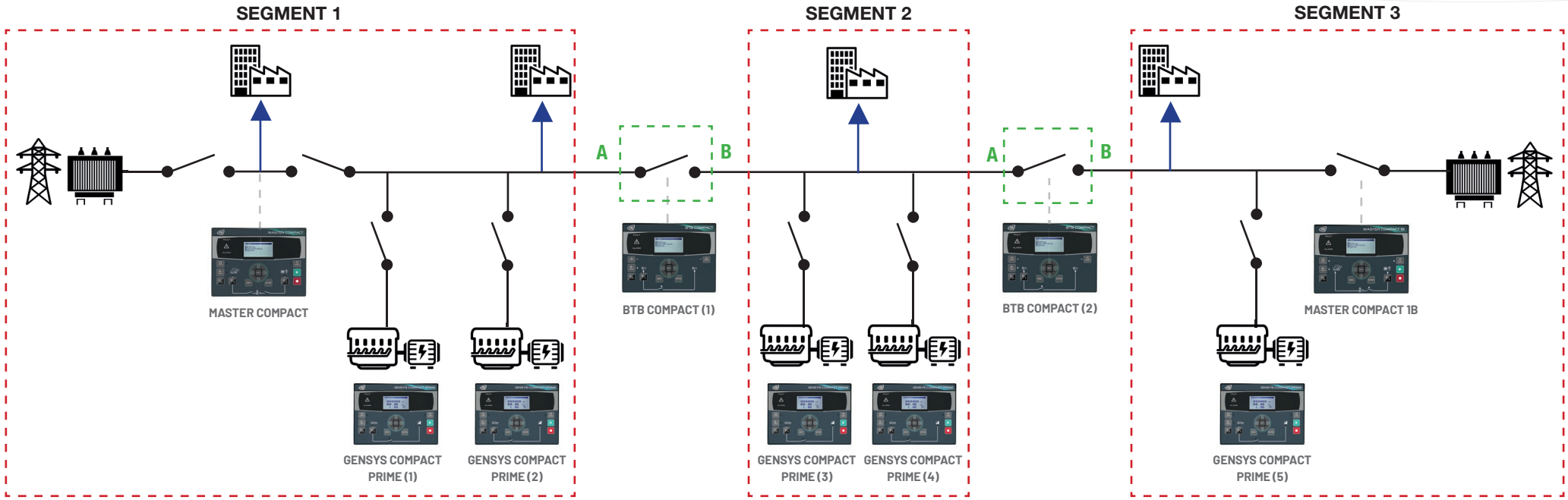
APPLICATION EXAMPLE + COMPLEXE APPLICATION WITH MULTIPLE GENSETS, MULTIPLE MAINS AND MULTIPLE BUS TIE BREAKER



MODULE	PRODUCT NUMBER	QUANTITY OF GENSYS COMPACT PRIME	QUANTITY OF MASTER COMPACT/BTB COMPACT	SEGMENT	SEGMENT A	SEGMENT B
MASTER COMPACT	1	5	4	1	NOT AVAILABLE	NOT AVAILABLE
MASTER COMPACT 1B	2	5	4	3	NOT AVAILABLE	NOT AVAILABLE
BTB COMPACT 1	3	5	4	NOT AVAILABLE	1	2
BTB COMPACT 2	4	5	4	NOT AVAILABLE	2	3
GENSYS COMPACT PRIME 1	1	5	4	1	NOT AVAILABLE	NOT AVAILABLE
GENSYS COMPACT PRIME 2	2	5	4	1	NOT AVAILABLE	NOT AVAILABLE
GENSYS COMPACT PRIME 3	3	5	4	2	NOT AVAILABLE	NOT AVAILABLE
GENSYS COMPACT PRIME 4	4	5	4	2	NOT AVAILABLE	NOT AVAILABLE
GENSYS COMPACT PRIME 5	5	5	4	3	NOT AVAILABLE	NOT AVAILABLE

For direct connection multiple mains application, it is mandatory to use 2 breakers and MASTER COMPACT controller. One breaker and MASTER COMPACT 1B controller will not allow to manage all sequences.

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