RDM 3.0

Touch screen & colour remote display module for all-in-one generator control & paralleling unit
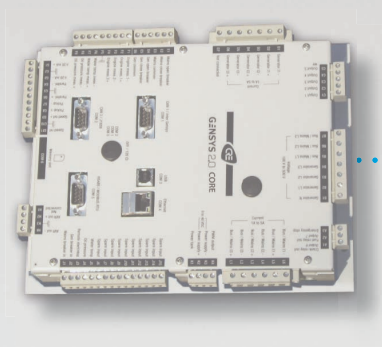
PART NUMBER
A53V0

ASSOCIATED PRODUCTS
GENSYS 2.0
GENSYS 2.0 LT
GENSYS 2.0 CORE
with firmware ≥ 4.66a5

RDM 3.0 supplements GENSYS 2.0 CORE, to control a single generating sets power in a power plant.

Connected to a GENSYS 2.0 or GENSYS 2.0 LT, RDM 3.0 module can be used as an additional remote display.

RDM 3.0 repeats the display part of GENSYS 2.0. The screen shows the complete application, engine and electrical parameters for intuitive operation.

FEATURES

Information display

- Engine parameters display: oil pressure, water temperature, speed, hours run meter...
- Generator & mains/bus electrical measures display:

    - Phase-phase Voltage (3-phases RMS)
    - Phase-neutral Voltage (3-phases RMS)
    - Current (3 phases RMS)
    - Frequency
    - Active & reactive power (3 phases RMS + total)
    - Power factor (3 phases RMS + total)
    - Active energy (kWh)
    - Reactive energy (kVARh)

- GENSYS inputs/outputs display (ON/OFF)
- Alarms & faults and events display
- Synchronization conditions & synchroscope
- Active timers
- Maintenance cycle monitoring

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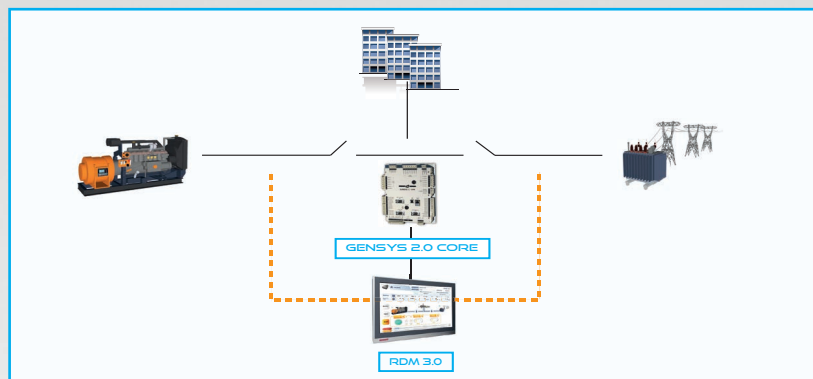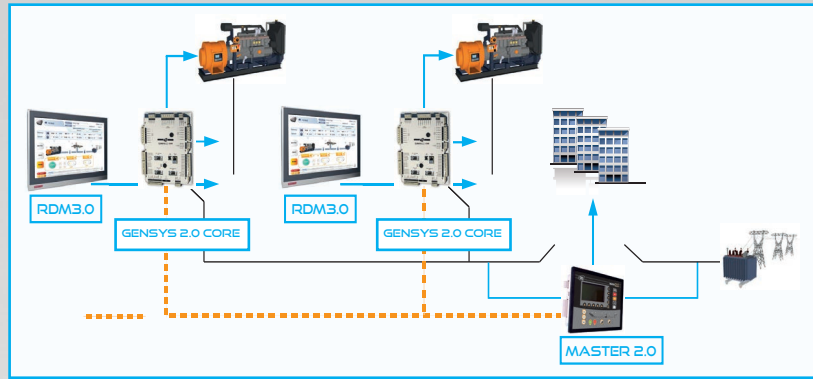
POWER PLANT SETUPS

WITH SEVERAL GENSETS

WITH ONE GENSET

all-in-one

Paralleling

CHARACTERISTICS

Power supply	Ports	Size and weight	Other
• DC voltage power supply: 24 VDC (20.4...28.8 VDC) • Power consumption: 16W **Environment** • Operating temperature: 0 ... +55°C • Storage temperature: -25 ... +65°C • Humidity: to 95%, no condensation • Front panel: IP65 • Rear: IP20	• Ethernet for connected module • 2 USB ports • Micro SD port • EtherCAT with RJ-45 socket (unused) • RS232 (unused) **Communication** • Ethernet direct connection • Through local network using a switch	• Size: 306x258x51.5mm (12.05x10.18x2.03in) • Panel cut out: 247x298mm (9.74x11.73in) • Weight: 3.0kg (6.61lbs) **Certifications** • CE	• Standard languages: English, French • Other languages can be available on request

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