

- Embedded Webwite
- Fully compatible with GENSY2.0 and most analog lines modules
- SD card reader, Ethernet

RDM2.0 MARINE



Remote display module for all-in-one generator control and paralleling unit

PART NUMBER

A53Y3

CABLE

A53W1

ASSOCIATED PRODUCTS

GENSY2.0 MARINE

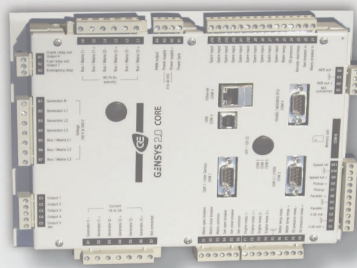
GENSY2.0 CORE

MARINE

The RDM 2.0 MARINE works as a remote display and, combined with the GENSY 2.0 CORE MARINE, can control a single or a multiple generating sets power plant.

Connected to a GENSY 2.0 MARINE, the RDM 2.0 MARINE can be used as an additional remote module.

RDM 2.0 MARINE screen displays the same data as the GENSY 2.0 MARINE. The display shows engine and electrical parameters for intuitive operation.



CHARACTERISTICS

Power supply

- DC voltage power supply input:
8 to 40V_{DC}, 600mA at 12V_{DC} and 300mA at 24V_{DC}.

Environment

- Operating temperature:
-20 to +70°C
- Storage temperature:
-30 to +80°C
- Humidity: 5 to 95%. Tropic-proof circuits for normal operation in humid conditions.
- Front panel: IP64 protection.
- Rear panel: IP20 protection.

Ports

- Ethernet for connected module and embedded website
- 4 digital inputs
- 4 digital outputs

Communication

- Maximum distance between a module and a RDM 2.0 MARINE: 100 meters
NB. This length can be longer if a hub or a switch is used

Size and weight

- Size: 248x197x57mm (9.76x7.76x2.24in)
- Panel cut out: 177x228mm (6.97x8.98in)
- Weight: 0.9kg (2lb)

Certifications

- European Union Directives: EN 50081-2, EN 50082-2, 73/23EEC

Other

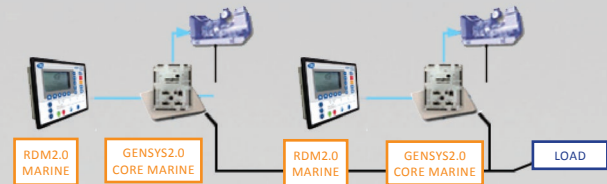
- LCD characteristics: 114x64mm, 60 cd/m² backlight, 3 character sizes.
- Terminals: 2 piece connectors, 2,5mm².
- Standard languages: English, Spanish, French, Italian
- Other custom languages: downloadable on request

RDM2.0 Marine - All-in-one parallaling unit for marine applications: PMS

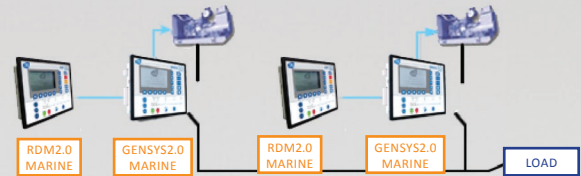
POWERPLANT CONFIGURATIONS



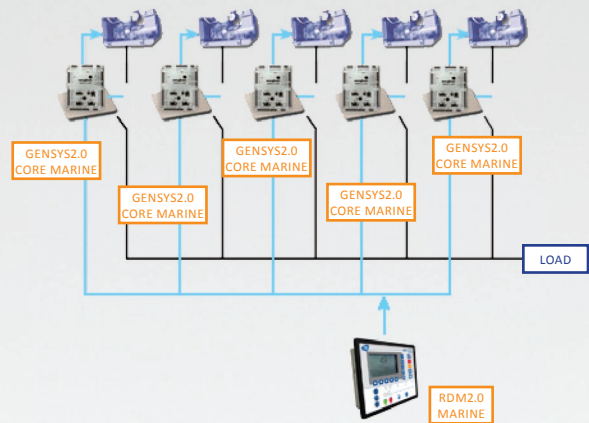
STANDARD CONFIGURATION



REMOTE DISPLAY CONFIGURATION



MULTI-CONTROL HMI



FEATURES

Information display

- Engine parameters display: oil pressure, water temp, speed, hours run meter...
- Generator electrical parameters display:
 - Phase-phase Voltage (3 phase RMS)
 - Phase-neutral Voltage (3 phase RMS)
 - Current (3 phase RMS)
 - Frequency
 - Active power (3 phase + total)
 - Reactive power (3 phase + total)
 - Power factor (3 phase + total)
 - Active power energy (kWh)
 - Reactive power energy (kVARh)

- Mains electrical parameters display:
 - Phase-phase Voltage (3 phase RMS)
 - Current (3 phase)
 - Frequency
 - Active power and reactive power
 - Power factor
 - Import active power energy (kWh)
 - Import reactive power energy (kVARh)
- User display:
 - 50 spare display lines.