Additional remote display for DST4602Evolution genset controller

DESCRIPTION

DST4602Remote is an additional remote display for DST4602Evolution, allowing remote control and configuration. It can also be connected to DST4602Standard. It shares the same dimensions and look & feel of the main controller (same 7" TFT colour display, same lamps and similar push-buttons). It also allows the same manual operations.

DST4602Remote can be connected to the DST4602Evolution by:
- RS485 insulated serial port (only one DST4602Remote is allowed for each DST4602Evolution).
- Ethernet (up to five DST4602Remote is allowed for each DST4602Evolution).

The provided key switch is used to enable/disable remote commands, and for resetting alarms. Remote commands are enabled only if the main controller is in AUTOMATIC mode. The operator can manually start/ stop the engine and can manually open/close the circuit breakers. The user can also manually change the configuration parameters of the main controller.

An internal horn is provided to signals alarms and warnings.

DST4602Remote provides a configurable digital output (three terminals, dry contacts relay 1 Amp); it can be used to manage an external horn, or to highlight the loss of communication with the main controller.

INPUT – OUTPUT AND AUXILIARY FUNCTIONS

1 Digital output **RS485** **Ethernet connection**

- 1 digital output (1A @30Vdc relay No/Nc), fully configurable.
- N. 1 RS485 insulated serial port interface.
- N. 1 Ethernet interface, supporting TCP/IP with DNS/DHCP protocols.

MAIN FEATURES

- Remote START/STOP commands for the genset.
- Remote OPEN/CLOSE commands for the circuit breakers.
- Remote acoustic horn muting.
- Remote faults acknowledgment & reset.
- Remote parameters configuration.
- Local/remote communication settings available from the front panel or by Mecc Alte BoardPrg4.

TECHNICAL DATA

- Supply voltage: 8...33 Vdc.
- Power consumption: 5 W maximum.
- Weight: 950 g.
- Overall dimension: 260 (W) x 202 (H) x 33 (D) mm.
- Panel cut-out: 240 (W) x 172 (H) mm.
- Panel mounting: by means of stud-bolt.
- Protection Grade: IP55 (front panel, by means of additional keylock protective cap and gasket).
- EMC: compliant with EN61326-1.
- Safety: built in compliance with EN61010-1.

Display Features
- TFT, 7'', colour, 800x480 Pixel.
- Overall dimension: 155(L) x 93(H) mm.
- Operating temperature: -25 °C to 60 °C.
- Stock temperature: -30 °C to 80 °C.