

MANUAL SYSTEM

SA-01S

Complete solution for the control and start-up of generator set, with monochrome display LCD.



It is equipped with 10 buttons for start/stop and a quick control of the main functions, 6 led bright signals that show the engine alarms and the system status and a graphic display 128x64 pixel monochrome black/white with amber backlight that offers a perfect visibility and clearness. This controller measures three-phase tension and current of generator set (frequency, active power, reactive power, apparent power, kilowatt hour and cosfi phase displacement) and automatically controls its switching on. SA-01S is also equipped of different functions such as engine service management, control and protection of the engine with automatic shutdown and acoustic signal.

The controller includes one RS232 port and one RS485 port.

PRODUCT CERTIFICATIONS

STANDARD



TECNICAL SPECIFICATION

Features	Type	Description
Dimensions	External Dimensions (L x H x W mm)	194x106x55
	Hole Dimensions (mm)	182x94
Protection	Protection Level (standard)	IP65
Temperature	Working Temperature (°C)	-20...+70
	Storage Temperature (°C)	-30...+80
Power Supply	Power Supply Range (standard)	8 - 30 Vdc
	Power Consumption (W)	6
Display	Display Type	monochrome LCD
	Display Dimensions (L x H mm)	60x30
	Resolution	128x64
	Display Color (standard)	Amber
Indicators	Led Indicators (nr)	6



TECNICAL SPECIFICATION

Features	Type	Description
Inputs	Digital Input (nr)	7
	Analog Input (nr)	3 (resistive or 4-20mA)
	Reading of Power Voltage	ok
	Alternator Input	ok
	Frequencymeter Input	optional
	Three-phase Voltage Input (nr)	1
	Three-phase Current Input	ok
Outputs	Relay Outputs (nr)	4
	Relay Output Power	250V 5A
	Digital Output (nr)	4
Functions	Hour Counter	ok
Serial Ports	RS232	ok
	RS485	ok
Controls	Buttons (nr)	10

DIMENSIONAL LAY-OUT

