

ENGINE PROTECTION



ATS-45

Protection and control for thermal engines, with LCD color display.

100mm diameter instruments equipped with 2 buttons for controller programming, 6 led bright signals and graphic display 320x240 pixel color. It is complete of analogic and digital inputs and outputs for control and protection of any kind of diesel engines that allow a high flexibility of usage in various application field, for example in case of pumps, agricultural machines and slow motion.

ATS-45 includes CAN-BUS communication for the connection with any kind of instrument, including connection in J1939 with electronic engines.

It is possible to customize the panel according to the needs of the customer.



PRODUCT CERTIFICATIONS

STANDARD



TECNICAL SPECIFICATION

Features	Type	Description
Dimensions	External Dimensions (L x H x W mm)	Ø109x69
	Hole Dimensions (mm)	Ø100,5
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)	3
Display	Display Type	TFT
	Display Dimensions (L x H mm)	43x57
	Resolution	240x320
	Display Color (standard)	16bit RGB
Indicators	Led Indicators (nr)	6



TECNICAL SPECIFICATION

Features	Type	Description
Inputs	Digital Input (nr)	8
	Analog Input (nr)	4
	Reading of Power Voltage	ok
	Alternator Input	ok
	Frequencymeter Input	ok
Outputs	Relay Outputs (nr)	4
	Relay Output Power	250V 2A
Functions	Hour Counter	ok
Serial Ports	CAN	ok
	RS232	optional
	RS485	optional
Controls	Buttons (nr)	2

DIMENSIONAL LAY-OUT

