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TS-PC500 Programmable Controller

Features

- Microcontroller based technology.
- Ability to select multiple modes of operation.
- Adaptive controller to numerous applications.
- Configuration via LCD display and navigation buttons.
- Over voltage protection and short circuit.
- High diversity of communication protocols.
- Digital outputs with high voltage isolation, available in 24V, 12V or 5V.
- Digital inputs with high voltage isolation, driven by voltage or dry contact.

Optional Features

- Multiple inputs and outputs available:
 - 6 digital outputs (expandable up to 12).
 - 2 analog inputs.
 - 4 digital inputs.
 - 1 analog input for light sensor.
- Real time clock and calendar - RTCC
 - Ability to schedule different configurations.
- Communication protocols:
 - RS232, RS422, R485, USB, SPI, Ethernet
- Configuration Software.

Specifications

Modes of Operation:

- Always On, Flashing and Sequential (other modes of operation available on request)

Electrical:

Power Supply	12V DC	24V DC
Current Consumption	16 mA ¹	11 mA ¹
Output Voltage	12 V DC	24V DC
Outputs Number	6 (Expandable up to 12)	
Maximum Current by Output	2A	
Total Maximum Output Current	10A	
Power Cable	Brown (+), Blue (-)	
Working Temperature	-13°F to +185°F (-25°C to +85°C)	

¹ Standby consumption.

Mechanical:

- Material: PVC
- Weight: 1 lb. (.45 kg)
- Protection Index: IP56
- Dimensions: 7.87" (200mm) length x 6.3" (160mm) width x 3.15" (80mm) height

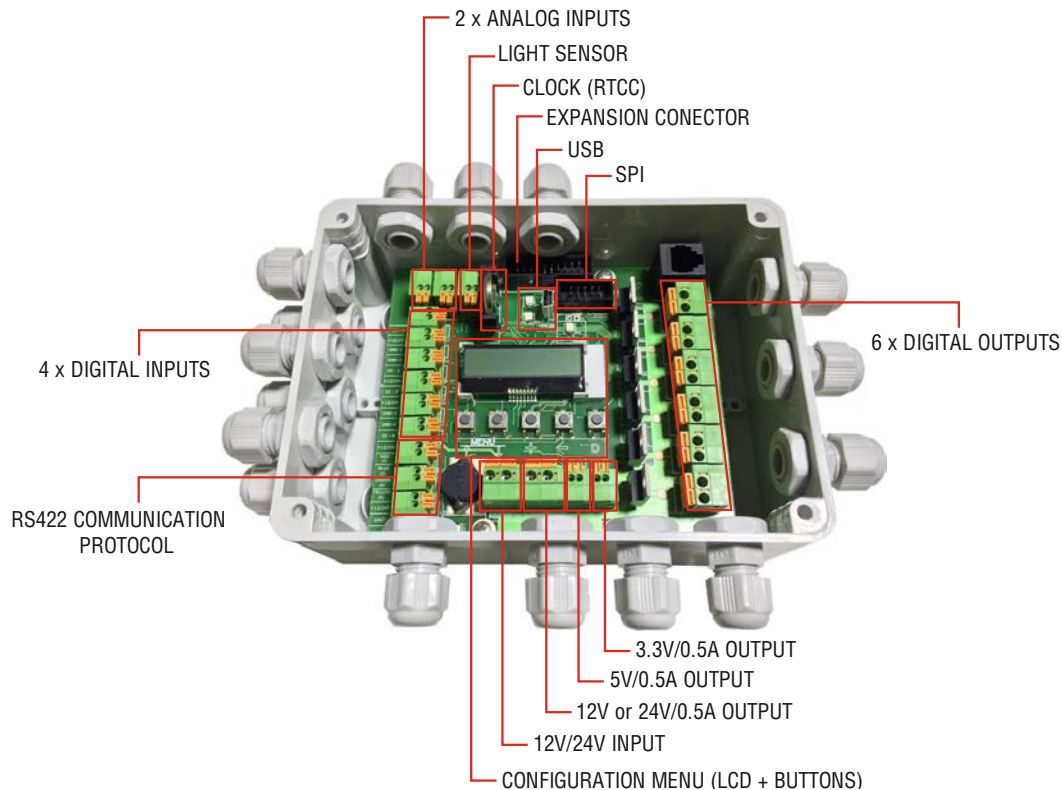
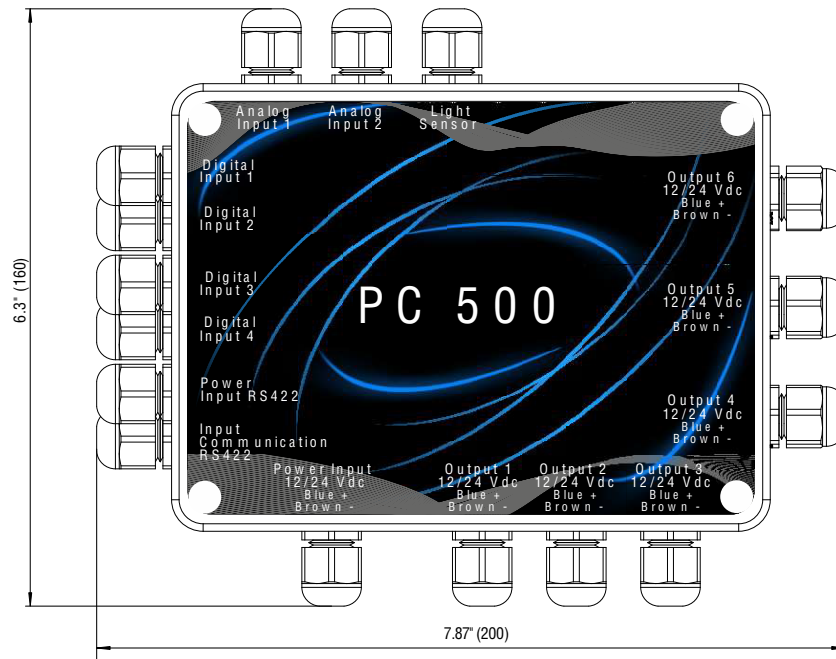


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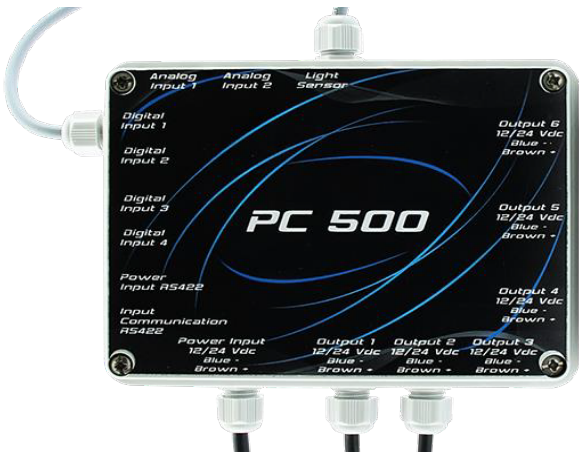
TS-PC500
Programmable Controller

TS-PC-500

<i>Models</i>	<i>Description</i>	<i>Outputs</i>
TS-PC500-00000001	Microcontroller TS-PC500 with 1 Output	1
TS-PC500-00000002	Microcontroller TS-PC500 with 2 Outputs	2
TS-PC500-00000003	Microcontroller TS-PC500 with 3 Outputs	3
TS-PC500-00000004	Microcontroller TS-PC500 with 4 Outputs	4
TS-PC500-00000005	Microcontroller TS-PC500 with 5 Outputs	5
TS-PC500-00000006	Microcontroller TS-PC500 with 6 Outputs	6

Add-Ons:	TS-PC500-1XXXXXXXX	Clock
	TS-PC500-X1XXXXXX	LDR
	TS-PC500-XX1XXXXX	USB
	TS-PC500-XXX1XXXX	SPI
	TS-PC500-XXXX1XXX	RS422
	TS-PC500-XXXXXXXX	Analog Inputs (1...2)
	TS-PC500-XXXXXXX	Digital Inputs (1...4)
	TS-PC500-XXXXXXXX/ETH	Ethernet

OBS.: The operating modes (**Always ON / Flashing / Sequential**) are standard
For radar option is necessary to add an input



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