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Screw terminal panel for DIN rail



PX9200

Separate connector for digital I/O and analog outputs

LED status indication for digital signals

Protection through transil diodes for analog signals

DIN-rail mounting

The terminal panel PX9200 combines the connection of analog and digital channels. It features 2 separate male connectors between the digital and the analog signals. Both signal types are driven through one own layer board and are protected from each other.
The two terminals blocks for the digital signals allow to connect 22 lines distributed as follows: 12 lines for digital output signals and 10 lines for digital input signals. The cable ST3122-D is used for digital data transfer to the ADDI-DATA boards and is equipped with a 26-pin D-Sub high-density female connector.
The terminal block for the analog signals allow to connect 4 analog channels with a separated ground line. The cable ST3122-A is used for analog data transfer to the ADDI-DATA boards and is equipped with a 15-pin D-Sub high-density female connector.
All components of the layer board are included in an earthing strip which is itself connected to the earthing terminal.
The screw terminals are labelled to differentiate the different signals (analog/digital).
The PX9200 is supplied with LEDs for status display of the digital signals.
The analog signals are protected against fast transients and the mechanical layout allows the separation from the digital signals. The voltage supply for the analog or digital functions are driven separately.

Features

- Max. connection of 22 digital signal lines and 4 analog channels with separated ground line
- Separate ground connection
- Connection through screw terminals
- Separated connection blocks for analog and digital channels
- Terminals can be labelled
- With housing for DIN rail mounting
- All terminals for screw terminals for large conductor cross sections: up to 2.5 mm²

Safety features

- Transil diodes on the analog channels
- Separate lines for analog and digital channels

Applications

- Process control
- Industrial measurement
- Acquisition of sensor data
- Signal analysis

Specifications

Signal line terminals:	for the connection of peripherals
Status indication:	22 LEDs for digital status indication, including: – 12 yellow LEDs for digital outputs – 10 orange LEDs for digital inputs
	One additional LED (green) for the voltage supply of the analog and digital channels
Safety features:	Varistors and transil diodes
Connector:	26-pin high-density D-Sub female connector (digital)
	15-pin high-density D-Sub female connector (analog)
Dimensions:	(L x W x H) 132 x 87 x 65 mm
Temperature range:	0-60 °C



ST3122, High-density round cable, 2 m

Ordering information

PX9200

Screw terminal panel. Incl. technical description.

PX9200: for multifunction board APCI-3122 and analog output board APCI-3504 with status indication through LEDs

Accessories

ST3122-D: High-density round cable, 2 m, shielded, twisted pairs, for digital inputs and outputs

ST3122-A: High-density round cable, 2 m, shielded, twisted pairs, for analog outputs

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