

# Screw terminal board for DIN rail



The terminal board PX 9200 combines the connection of analog and digital signals. It features 2 separate cable connectors between the digital and the analog signals. Both signal types are driven through one own layer board and are protected between 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 SUB-D 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 SUB-D 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 PX 9200 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 mm<sup>2</sup>

## PX 9200

**Separate connectors digital I/O  
and analog outputs**

**LED status display for digital signals**

**Transil diodes for analog signals**

**DIN-rail mounting**

## 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 connecting the peripheral
Status display:	22 LEDs for digital status display, incl.: <ul style="list-style-type: none"><li>- 12 yellow LEDs for digital outputs</li><li>- 10 orange LEDs for digital inputs</li></ul>
Safety features:	One additional LED (green) for each voltage supply (analog and digital channels)
Connector:	Varistors and transil diodes
	26-pin SUB-D female connector, high-density (digital)
	15-pin SUB-D female connector, high-density (analog)
Dimensions:	(L x B x H) 132 x 87 x 65 mm
Temperature range:	0-70 °C

**ST3122**, high-density round cable, 2m



## ORDERING INFORMATION

### ADDIVARIOUS PX 9200

Screw terminal board. Incl. technical description

#### Version

**PX 9200:** for multifunction board APCI-3122 and analog output board APCI-3504 with status display through LEDs

#### Connection

**Please order separately!**

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

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

[www.addi-data.com](http://www.addi-data.com)

Sales: +49(0)7223/9493-120  
Fax: +49(0)7223/9493-92