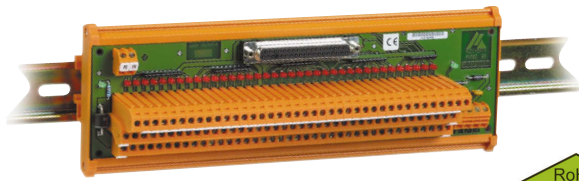


# Screw terminal panels for DIN rail



## PX9000

3-row screw terminal panel

LED status indication

DIN rail mounting

For digital or analog boards

The screw terminal panel PX9000 is intended for the connection of maximum 32 signal lines and the voltage supply for the external sensors/actuators. All components of the board are enclosed in an earthing strip which is also connected to the ground terminals.

On the 3x39-pin terminal block, all 37 contacts of the 37-pin female connector are assigned a contact on a row of terminals. Each signal line (terminal 1-32) is assigned a status LED.

Both other rows of terminals are intended for connecting the voltage supply for the sensors/actuators. These rows are protected against unintentional voltage reversal through a diode. A LED indicates when a voltage is applied.

These rows of terminals are equipped with 2 additional terminals, one on the right and one on the left side, for the easy connection of the voltage supply to a further terminal panel.

4 further screw terminals are at disposal for the supply voltage of ADDI-DATA digital I/O boards: two for the connection of the 24 V operating voltage and two for the operating ground.

Both terminals for the operating voltage 24V are in addition protected against overvoltages through varistors and transorb diodes.

### Features

- 3 rows of terminals, terminals can be labelled
- LED indicator status
- Additional 4-pin terminal for the direct connection of the ground and the 24 V supply voltage to ADDI-DATA boards
- With housing for DIN-rail mounting
- All terminals intended for large conductor cross sections: up to 2.5 mm<sup>2</sup>
- 2 x 39 screw terminals to the distribution of the voltage supply e.g. on sensors and for cascading several PX9000

### Specifications

Signal line terminals:	32 for the connection of peripherals
Supply voltage terminals:	2 rows of 39 terminals
Additional terminals:	– 4 terminals for the external voltage power supply (digital I/O) – 2 for connecting the ground lines
Status indication:	37 LEDs for status indication, LEDs for operating and supply voltage
Safety features:	Varistors and transil diodes, ground lines
Connector:	37-pin D-Sub female connector
Dimensions of the board:	244 x 68 x 35 mm (L x W x H)
Dimensions with housing:	248 x 87 x 78 mm (L x W x H)
Temperature range:	0-60 °C



## PX8001

3-row screw terminal panel, 50-pin, for DIN rail

Connection of 50 signal lines

With numbered screw terminals)

### Features

- Screw terminal panel for 50 signal line terminals
- Ground connection of the connector is lead directly to the connecting terminal
- With 50-pin female connector
- For free mounting

### Specifications

Cross conductor section up to:	4 mm <sup>2</sup>	0.2 – 2.5 mm <sup>2</sup> (flexible)
Input/output test voltage:	2.5 kV, 50 Hz, 60 s	
Operating temperature:	–20 °C to +50 °C	
Dimensions:	69 x 98 x 62 mm (L x W x H)	
Current/Voltage:	2 A / 125 V	

### Ordering information

#### PX9000

3-row screw terminal panel, 37-pin, with housing for DIN-rail mounting. Incl. technical description.

#### PX8001

3-row screw terminal panel, 50-pin, with housing for DIN-rail mounting. Incl. technical description.

#### Accessories

##### Please order separately!

- ST010:** Standard round cable 37-pin, shielded, twisted pairs, 2 m
- ST011:** Standard round cable 37-pin, shielded, twisted pairs, 5 m
- ST370-16:** Standard round cable 50-pin, shielded, twisted pairs, 2 m
- ST8001:** Round cable 50-pin, shielded, twisted pairs, 2 m.  
For connecting the APCI-8008 (motion control) to the screw terminal panel PX8001
- ST8004:** Round cable 78-pin female connector to 2 x 50-pin male connector, shielded, twisted pairs, 2 m.  
For connecting the CPCI-8004 (motion control) to the screw terminal panel PX8001.