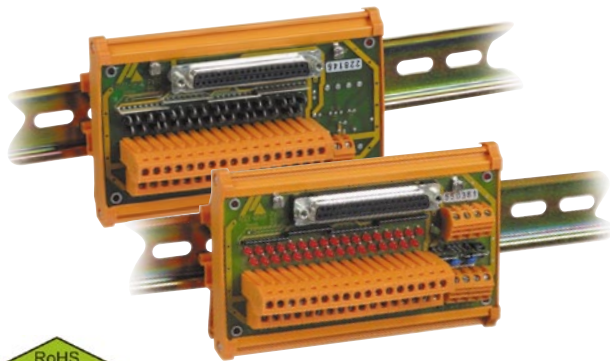


# Screw terminal panel for DIN rail



The screw terminal panel PX 901-xx is used for the connection of maximum 32 signal or signal-reference lines.

ADDI-DATA boards can be connected through 37-pin SUB-D female connector with our standard cables of the STxxx series.

The housing of the female connector is connected with two ground terminals so that the board is additionally earthed for more security. All components of the board are enclosed in an earthing strip also connected to the ground terminals.

Each terminal is directly connected to one pin of the 37-pin SUB-D female connector. The designations on the terminals indicate the respective connections for the 37-pin SUB-D female connector.

The PX 901-D version is equipped with LEDs which are ideal for status display when working with ADDI-DATA digital 24 V I/O boards.

The PX901-A version is fitted with transil diodes for analog signals, but without LEDs.

An additional 4-pin terminal is available in order to be able to connect more than one 24 V operating voltage and ground line.

The 24 V or the ground terminal can be connected very easily through wire wrap to the 4-pin terminal.

The 24 V operating voltage lines are additionally protected against over-voltage through varistors and transil diodes.

## Features

- Connection of up to 32 signal lines
- Separate ground connections
- Connection through screw terminals
- 2 rows of terminals
- Terminals can be labelled
- Additional 4-pin terminal for connecting the ground or the supply voltage
- With housing for mounting on a standard DIN rail
- All terminals intended for large conductor cross sections: up to 2.5 mm<sup>2</sup>

## PX 901

32 terminals for signal lines

LED status indication for digital signals

Transil diodes for analog signals

DIN-rail mounting

Direct connection to ADDI-DATA boards

## Safety features

- Overvoltage protection of the 24 V supply terminals through varistors and transil diodes

## Applications

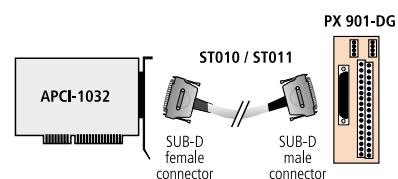
- Process control
- Industrial measuring
- Acquisition of sensor data
- Signal analysis

## Specifications

Signal line terminals:	32 for the connection of peripherals
Additional terminals:	– 4 for feeding the external operating voltage (digital I/O) – 2 for the connection of ground lines
status indication:	32 LEDs for status indication, 1 LED for status display of the operating voltage (version D)
Safety features:	Varistors and transil diodes
Connector:	37-pin SUB-D female connector
Dimensions of the board:	(L x W x H) 130 x 70 x 35 mm
Dimensions with housing:	(L x W x H) 132 x 87 x 70 mm
Temperature range:	0-70 °C

### Example:

Connection of a digital input board to the screw terminal panel PX 901-DG



## Ordering information

### PX 901

Screw terminal panel. Incl. technical description.

### Versions

**PX 901-D:** For digital boards, with status indication through LEDs

**PX 901-DG:** Same as PX 901-D, with housing for mounting on DIN rail

**PX 901-A:** For analog boards, with transil diodes

**PX 901-AG:** Same as PX 901-A, with housing for mounting on DIN rail

**PX 901-ZG:** For analog output boards with current outputs and for connecting the digital I/O on some ADDI-DATA boards. With housing for DIN-rail mounting

### Accessories

**Please order separately!**

**ST010:** Standard round cable, shielded, twisted pairs, 2 m

**ST011:** Standard round cable, shielded, twisted pairs, 5 m