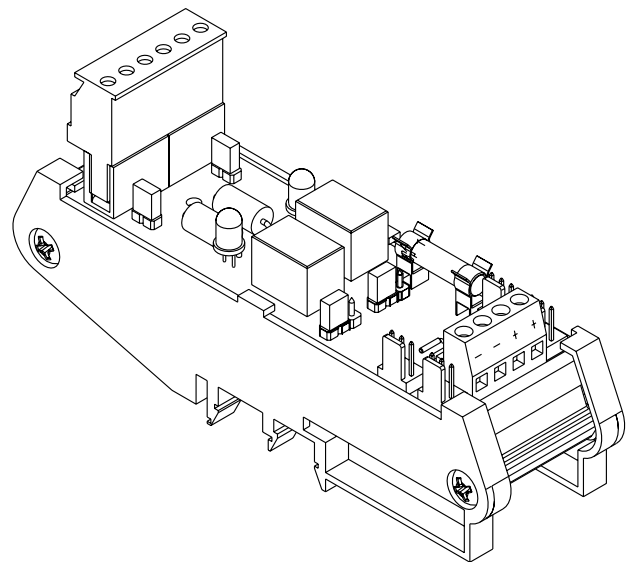




Datasheet

Potential-free input module PFE 9



General

The potential-free input module PFE 9 consists of a 6-pin terminal ① used for connecting two potential-free input signals, which control one relay each. In addition, two terminals are supplied with 24 V DC voltage, which can be used to power external devices.

The fuse ④ is used to protect the voltage supply circuit, which is switched off in the event of a mains failure.

The module output is connected via 3-pin connectors ⑤.

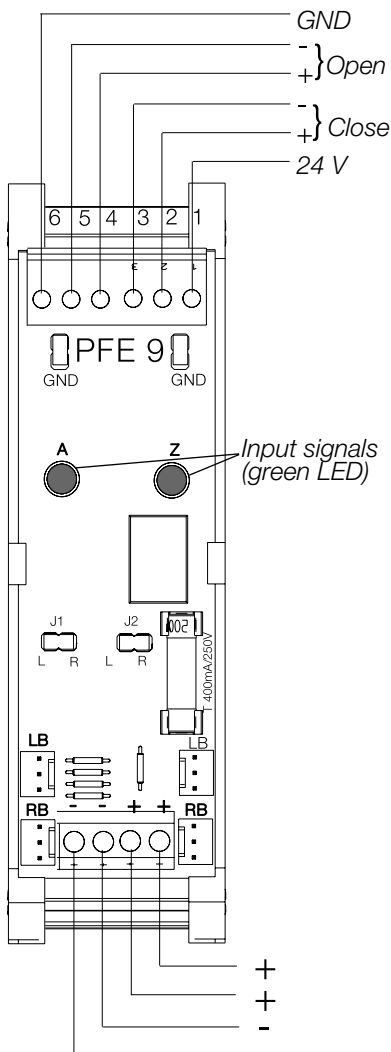
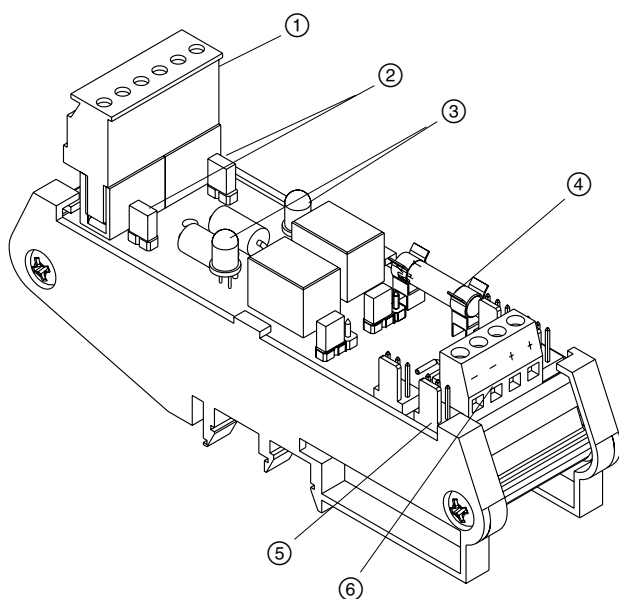
Jumpers ② can be used to link the inputs with the GND. The input signals are indicated by LEDs ③.

Use jumpers J1 and J2 to switch the input signals "ON" and "OFF" onto the ventilation or smoke and heat exhaust ventilation bus.

Output +24 V is switched off during emergency power operation.

Technical specifications

Supply voltage	24 V DC max. 32 V
Connection	+/-24 V DC and 2 relays
Display	2x green LED
Ventilation or smoke and heat exhaust ventilation bus (LB)	+24 V active
Fuse	max. 400 mA
Space requirement	37 mm



Installation

Voltage is supplied by a four-pin terminal ⑥ via strands of the same size (2,5 mm²). The wires to the external devices are connected to the 6-pin plug-in terminal according to the terminal diagram. The internal wiring of the smoke and heat exhaust ventilation (RB) or ventilation bus (LB) is connected via three-pin jumpers.