



Contact expansion PNOZ s22 – Twice as good

pilz

A new highlight from the PNOZsigma range of safety relays provides two relay functions that can be controlled separately in accordance with PL e. Each relay function provides 3 N/O/1 N/C contacts. These can be controlled separately, so that the outputs can be assigned different functions, depending on the base unit. Safe separation between the two relay functions enables different potentials to be switched.

The contact expansion module PNOZ s22 is suitable for connection to

- ▶ Base units PNOZ mm0.1p and PNOZ mm0.2p of the configurable safety relays PNOZmulti Mini
 - PNOZ s22 provides relay outputs that enable volt-free switching. Configuration is via the familiar PNOZmulti Configurator
- ▶ Safe speed monitor PNOZ s30
 - Function can be expanded by duplicating the output contacts

Your benefits at a glance

- ▶ PNOZ s22 achieves Performance Level (PL) e of EN ISO 13849-1 and Safety Integrity Level (SIL) CL claim limit 3 of IEC 62061.
The category of EN 954-1 depends on the base unit.
- ▶ Duplication of the relay contacts enables the application's function range to be expanded.

Contact expansion module PNOZ s22



PNOZ s22

Technical features

- ▶ Contact expansion module for the expandable base units PNOZ mm0.1p and PNOZ mm0.2p of the configurable safety relays PNOZmulti Mini, plus the safe speed monitor PNOZ s30
- ▶ Two relay functions that can be controlled separately in accordance with PL e of EN ISO 13849-1 and Safety Integrity Level (SIL) CL claim limit 3 of IEC 62061. The category of EN 954-1 depends on the base unit
- ▶ 2 x 3 safety contacts/1 auxiliary contact (3 N/O /1 N/C); these can be controlled separately
- ▶ Supply voltage (UB): 24 VDC via base unit
- ▶ Dual-channel operation and supply voltage via PNOZsigma connector
- ▶ Max. one contact expansion module can be connected to a base unit
- ▶ Outputs (voltage/current):
 - DC1: 24 V/6 A
 - DC13: 24 V/4 A
 - AC15: 230 V/3 A

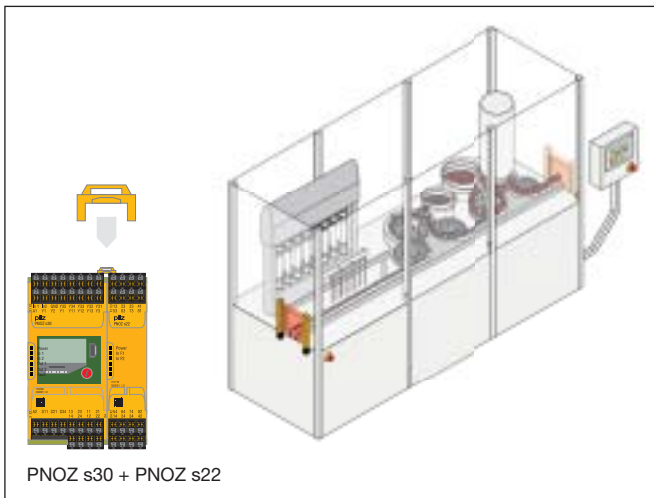
Dimensions in mm (H x W x D):

- ▶ 102/98*x 22.5 x 120

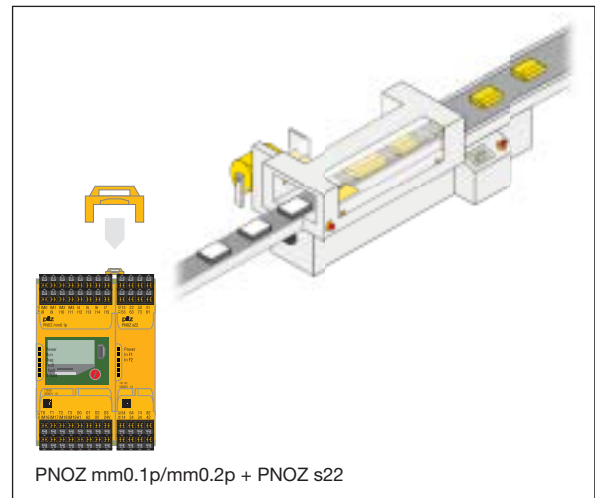
*Height with spring-loaded terminals/plug-in screw terminals

Order number

- ▶ Spring-loaded terminals
PNOZ s22 C 24 V DC 2 x 3 n/o 1 n/c 751 132
- ▶ Plug-in screw terminals
PNOZ s22 24 V DC 2 x 3 n/o 1 n/c 750 132

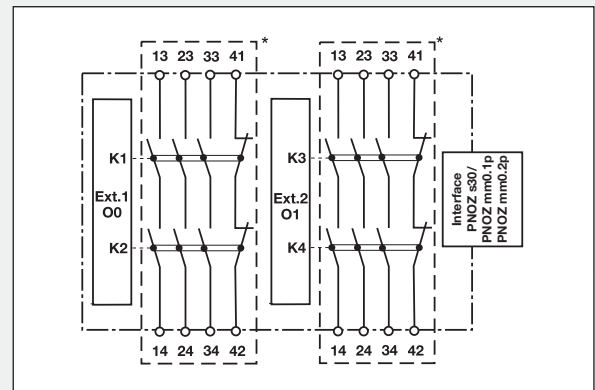


PNOZ s30 + PNOZ s22



PNOZ mm0.1p/mm0.2p + PNOZ s22

Relay contacts can be multiplied by combining PNOZ s22 and PNOZmulti Mini / PNOZ s30.



*Safe separation between two relay functions



Webcode

7491

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