

PNOZ s6.1 C 24VDC 3 n/o 1 n/c

751126



PNOZsigma safety relay (standalone), inputs: 1 N/O per pushbutton, outputs: 3 N/O, 1 N/C, 1 SC, UB = 24 V DC, width: 22.5 mm, plug-in spring-loaded terminals, two-hand control relay, monitoring of simultaneity of two-hand pushbuttons.

## Technical details

### General data

Approval: CCC, CE, UKCA, cULus Listed, KOSHA, EAC (Eurasian), TÜV

### Technical data

#### Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 3.5 W

Max. device circuit breaker: Max. conductor cross section

Type of two-hand device: III A

#### Inputs

Number of inputs: 2

#### Semiconductor outputs

Number of semicond. outputs: 1

Utilisation cat. to EN 60947-1: DC-12

#### Relay outputs

Utilisation cat. AC/DC1 stand.: EN 60947-4-1

Voltage AC1 safety cont.: 240 V

Max. current AC1 safety cont.: 6 A

Voltage DC1 safety cont.: 24 V

Max. current DC1 safety cont.: 6 A

Utilisation cat. AC15/DC13sta.:	EN 60947-5-1
Voltage AC15 safety cont.:	230 V
Max. current AC15 safety cont.:	5 A
Voltage DC13 safety cont.:	24 V
Safety contacts: AC at UL:	240 VAC G.U. (same polarity)
Relay contact material:	AgCuNi
Addit. contact details relay:	+ 0.2 µm Au
<b>Environmental data</b>	
Climatic suitability to ...:	EN 60068-2-78
Ambient temperature:	-10 - 55 °C
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	Not permitted
EMC to standard ...:	EN 60947-5-1, EN 61000-6-2, EN 61000-6-4, EN 61326-3-1
Vibration to standard ...:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60947-1
Overvoltage category:	III / II
Pollution degree clear.&creep.:	2
<b>Mechanical data</b>	
Mounting position:	any
Housing material lower section:	PC
Housing material front plate:	PC
Housing material upper part:	PC
Connection terminal:	Spring-loaded terminal
Terminal style:	plug-in
Height dimension:	100 mm
Width dimension:	22.5 mm
Depth dimension:	120 mm
Net weight:	185 g
Gross weight:	195 g

Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85364900
UNSPSC 25:	39122205
EAN-Code:	4046548045901
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371821
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001452
Volume:	0.324 dm <sup>3</sup>

## Optional accessories

750010

PNOZ s terminator plug ( 10 pieces)



751004

PNOZ s Setspring loaded terminals 22,5mm

