

## 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                                            |
| Environmental data              |                                                        |
| 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                                                      |
| Mechanical data                 |                                                        |
| 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                          |

## Optional accessories

750010

PNOZ s terminator plug ( 10 pieces)



751004

PNOZ s Setspring loaded terminals 22,5mm

