

## PNOZ s2 C 24VDC 3 n/o 1 n/c

751102



PNOZsigma safety relay (standalone), inputs: 1-channel wiring without detection of shorts across contacts, manual/automaticstart, outputs: 3 N/O, 1 N/C, 1 SC, UB 24 V DC, width: 17.5 mm, plug-in spring-loaded terminals, monitoring of E-STOP, safety gates.

## 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: 2 W

#### Inputs

Number of inputs: 1

#### 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                                                    |
| 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:                | 17.5 mm                                                |
| Depth dimension:                | 120 mm                                                 |
| Net weight:                     | 175 g                                                  |
| Gross weight:                   | 185 g                                                  |
| Environment                     |                                                        |
| RoHS directive:                 | 2011/65/EU, 2015/863/EU                                |

|                                |                                |
|--------------------------------|--------------------------------|
| RoHS conformity:               | yes                            |
| RoHS exceptions:               | yes                            |
| RoHS except.s acc. to direct.: | 7c I                           |
| REACH compliance:              | contains min. 1 SVHC-substance |
| REACH included substances:     | Lead oxide                     |
| %-part of the pollutant:       | > 0,1%                         |
| CAS No.:                       | 1317-36-8                      |
| WEEE classifikation (08/2018): | 5 devices (feed size < 50cm)   |
| Commercial data                |                                |
| Harmonized System Code:        | 85364900                       |
| ECLASS version:                | ECLASS-9.1                     |
| ECLASS Reference Feature:      | 27371819                       |
| ETIM Version:                  | ETIM-7.0                       |
| ETIM Reference Group:          | EG000019                       |
| ETIM Reference Feature:        | EC001449                       |

## Optional accessories

750010

PNOZ s terminator plug ( 10 pieces)



751003

PNOZ s Setspring loaded terminals 17,5mm

