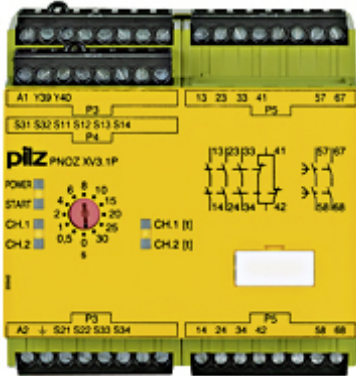


## PNOZ XV3.1P 30/24-240VACDC 3no 1nc 2no t

777530



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 3 N/O, 1 N/C, 2 N/O t-d ( $t = 0.1 - 30 \text{ s}$ ), automatic/monitored start,  $U_B = 24 - 240 \text{ V AC/DC}$ , width: 90 mm, plug-in terminals of screw type, monitoring of E-STOP, safety gates, feedback loop.

## Technical details

### General data

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

### Technical data

### Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: AC/DC

Power consumption AC: 8.5

Power consumption DC: 5 W

### Inputs

Number of inputs: 2

### Semiconductor outputs

Number of semicond. outputs: 0

### Relay outputs

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

Voltage AC1 safety cont.: 240

Max. current AC1 safety cont.: 8

Voltage DC1 safety cont.: 24

Max. current DC1 safety cont.: 8

Utilisation cat. AC15/DC13sta.: EN 60947-5-1

Voltage AC15 safety cont.: 230

|                                 |                                                        |
|---------------------------------|--------------------------------------------------------|
| Max. current AC15 safety cont.: | 5                                                      |
| Voltage DC13 safety cont.:      | 24                                                     |
| Safety contacts: AC at UL:      | 240 VAC G. P.                                          |
| Safety contacts: pilot duty:    | C300, R300                                             |
| Relay contact material:         | AgSnO <sub>2</sub>                                     |
| Addit. contact details relay:   | + 0.2 µm Au                                            |
| Environmental data              |                                                        |
| Climatic suitability to ...:    | EN 60068-2-78                                          |
| Ambient temperature:            | -10 - -10 °C                                           |
| Humidity rating:                | 93 % r. h. at 40 °C                                    |
| Condensation permitted?:        | unzulässig                                             |
| 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                                                      |
| Times                           |                                                        |
| Selectable times:               | 6, 20, 30, 4, 15, 25, 0.1, 1, 2, 0.5, 10, 8            |
| Tolerance Tv:                   | -15 %/+15 % +50 ms                                     |
| Repetition accuracy:            | 2 %                                                    |
| Mechanical data                 |                                                        |
| Mounting position:              | any                                                    |
| Housing material front plate:   | ABS UL 94 V0                                           |
| Housing material upper part:    | PPO UL 94 V1                                           |
| Connection terminal:            | Screw terminal                                         |
| Terminal style:                 | plug-in                                                |
| Flex. cond. c/s AWG info:       | 24 - 12 AWG                                            |
| Height dimension:               | 94 mm                                                  |
| Width dimension:                | 90 mm                                                  |

|                                |                              |
|--------------------------------|------------------------------|
| Depth dimension:               | 121 mm                       |
| Net weight:                    | 540 g                        |
| Gross weight:                  | 550 g                        |
| Environment                    |                              |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data                |                              |
| Harmonized System Code:        | 85364900                     |
| UNSPSC 25:                     | 39122331                     |
| EAN-Code:                      | 4046548009477                |
| ECLASS version:                | ECLASS-13                    |
| ECLASS Reference Feature:      | 27371819                     |
| ETIM Version:                  | ETIM-9.0                     |
| ETIM Reference Group:          | EG000019                     |
| ETIM Reference Feature:        | EC001449                     |
| Volume:                        | 0.605                        |

## Optional accessories

374282

PNOZ X Set plug in screw terminals P5+P5



374281

PNOZ X Set plug in screw terminals P3+P4

