

## PNOZ XV2P 30/24VDC 2n/o 2n/o t

777500



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 2 N/O, 2 N/O, automatic/monitored start, UB 24 V DC, width: 45 mm, plug-in screw terminals, monitoring of E-STOP, safety gates, release time 12 levels 0.1 - 30 s.

## 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: DC

Power consumption DC: 4.5 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 V

Max. current AC1 safety cont.: 8 A

Voltage DC1 safety cont.: 24 V

Max. current DC1 safety cont.: 8 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. 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 - 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 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:               | 20 s, 30 s, 15 s, 25 s, 1 s, 2 s, 0.5 s, 6 s, 4 s, 0.1 s, 10 s, 8 s |
| Tolerance Tv:                   | -15 %/+15 % +50 ms                                                  |
| Repetition accuracy:            | 2 %                                                                 |
| Mechanical data                 |                                                                     |
| Mounting position:              | any                                                                 |
| Housing material front plate:   | ABS UL 94 V0                                                        |
| Connection terminal:            | Screw terminal                                                      |
| Terminal style:                 | plug-in                                                             |
| Flex. cond. c/s AWG info:       | 24 - 12 AWG                                                         |
| Height dimension:               | 94 mm                                                               |
| Width dimension:                | 45 mm                                                               |
| Depth dimension:                | 121 mm                                                              |
| Net weight:                     | 360 g                                                               |

|                                |                              |
|--------------------------------|------------------------------|
| Gross weight:                  | 370 g                        |
| Environment                    |                              |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data                |                              |
| Harmonized System Code:        | 85364900                     |
| UNSPSC 25:                     | 39122331                     |
| EAN-Code:                      | 4046548009637                |
| ECLASS version:                | ECLASS-13                    |
| ECLASS Reference Feature:      | 27371819                     |
| ETIM Version:                  | ETIM-9.0                     |
| ETIM Reference Group:          | EG000019                     |
| ETIM Reference Feature:        | EC001449                     |
| Volume:                        | 0.605 dm3                    |

## Optional accessories

374281

PNOZ X Set plug in screw terminals P3+P4

