

## PNOZ X3 110VAC 24VDC 3n/o 1n/c 1so

774314



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 3 N/O, 1 N/C, 1 SC, automatic/monitored start, UB 110 V AC/24 V DC, width: 45 mm, screw terminals integrated, monitoring of E-STOP, safety gates.

## Technical details

### General data

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

### Technical data

### Electrical data

Supply voltage (V): 110 - 110 V

Type of supply voltage U1: AC

Power consumption AC: 5 VA

Supply voltage 2 (V): 24 - 24 V

Type of supply voltage U2: DC

### Inputs

Number of inputs: 2

### Semiconductor outputs

Number of semicond. outputs: 1

Tolerance ext. volt. DC S/C: -20 %/+20 %

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.: 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:    | B300, 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:            | -20 - 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.: | 3                                        |
| Mechanical data                 |                                          |
| Mounting position:              | any                                      |
| Housing material front plate:   | ABS UL 94 V0                             |
| Connection terminal:            | Screw terminal                           |
| Terminal style:                 | fixed                                    |
| Flex. cond. c/s AWG info:       | 24 - 10 AWG                              |
| Height dimension:               | 87 mm                                    |
| Width dimension:                | 45 mm                                    |
| Depth dimension:                | 121 mm                                   |
| Net weight:                     | 375 g                                    |

|                                |                                |
|--------------------------------|--------------------------------|
| Gross weight:                  | 385 g                          |
| Environment                    |                                |
| RoHS directive:                | 2011/65/EU, 2015/863/EU        |
| RoHS conformity:               | yes                            |
| RoHS exceptions:               | yes                            |
| RoHS except.s acc. to direct.: | 7a, 7c I                       |
| REACH compliance:              | contains min. 1 SVHC-substance |
| REACH included substances:     | Lead, Lead oxide               |
| %-part of the pollutant:       | > 0,1                          |
| CAS No.:                       | 7439-92-1, 1317-36-8           |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm)   |
| SCIP entry available:          | 0                              |
| Commercial data                |                                |
| Harmonized System Code:        | 85364900                       |
| UNSPSC 25:                     | 39122331                       |
| EAN-Code:                      | 4046548011654                  |
| ECLASS version:                | ECLASS-13                      |
| ECLASS Reference Feature:      | 27371819                       |
| ETIM Version:                  | ETIM-9.0                       |
| ETIM Reference Group:          | EG000019                       |
| ETIM Reference Feature:        | EC001449                       |
| Volume:                        | 0.545 dm3                      |

## Optional accessories

774090

COVER P-93

