

## PNOZ X1 24VAC/DC 3n/o 1n/c

774300



Safety relay (standalone), inputs: 1-channel wiring, outputs: 3 N/O, 1 N/C, automatic/manual start, UB 24 V AC/DC, width: 22.5 mm, screw terminals integrated, monitoring of E-STOP, safety gates.

## Technical details

### General data

Approval: CE, CCC, 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: 4

Power consumption DC: 2

### Inputs

Number of inputs: 1

### Semiconductor outputs

Number of semicond. outputs: 0

### Relay outputs

Utilisation cat. AC/DC1 stand.: P\_SCHALTVERMOEGEN\_NACH\_EN 60947-4-1

Voltage AC1 safety cont.: 240

Max. current AC1 safety cont.: 6

Voltage DC1 safety cont.: 24

Max. current DC1 safety cont.: 6

Utilisation cat. AC15/DC13sta.: P\_SCHALTVERMOEGEN\_13\_NACH\_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:      | P_SCHALT_SI_AC_UL_U_B_240 V AC G.U. (same polarity) |
| Safety contacts: pilot duty:    | P_SCHALT_SI_UL_PD_R300                              |
| Relay contact material:         | P_KONT_MAT_AgCuNi                                   |
| Addit. contact details relay:   | P_KONT_MAT_ZUSATZ_+ 0,2 µm Au                       |
| Environmental data              |                                                     |
| Climatic suitability to ...:    | P_KLIMA_EN 60068-2-78                               |
| Ambient temperature:            | -10 - 55 °C                                         |
| Humidity rating:                | P_FEUCHTE_WERT_93 % r. F. bei 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                                                 |
| Pollution degree clear.&creep.: | 2                                                   |
| Protection type, housing:       | IP40                                                |
| Mechanical data                 |                                                     |
| Mounting position:              | any                                                 |
| Housing material lower section: | P_GEHAEUSE_MAT_U_PPO UL 94 V1                       |
| Housing material front plate:   | P_GEHAEUSE_MAT_F_ABS UL 94 V0                       |
| Connection terminal:            | Screw terminal                                      |
| Terminal style:                 | fixed                                               |
| Flex. cond. c/s AWG info:       | P_QUER_1L_AWG_24 - 10 AWG                           |
| Height dimension:               | 87 mm                                               |
| Width dimension:                | 22.5 mm                                             |
| Depth dimension:                | 121 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                      |
| SCIP entry available:          | yes                            |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm)   |
| Commercial data                |                                |
| ECLASS version:                | ECLASS-13                      |
| ECLASS Reference Feature:      | 27371819                       |
| ETIM Version:                  | ETIM-9.0                       |
| ETIM Reference Group:          | EG000019                       |
| ETIM Reference Feature:        | EC001449                       |
| UNSPSC 25:                     | 39122331                       |
| GTIN:                          | 4046548000108                  |
| Volume:                        | 0.255 dm3                      |
| Harmonized System Code:        | 85364900                       |
| Type of tariff number:         | TARIC                          |
| Use of customs tariff number:  | Ausfuhr, Einfuhr               |
| Quantity per packaging unit:   | 1                              |