

## PSWZ X1P C 0,0075-0,5V/24-240VACDC

787951



Safety relay (standalone), inputs: Measuring inputs 1/3-phase motors, outputs: 2 N/O, 1 N/C, 2 SC, UB = 24 - 240 V AC/DC, UMmax = 690V, switching threshold 7.5 - 500 mV, width: 45 mm, plug-in spring-loaded terminals, standstill monitor, the device monitors the EMC voltage created during motor rundown.

### Technical details

#### General data

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

#### Technical data

#### Electrical data

Supply voltage (V): 24 - 240 V

Type of supply voltage U1: AC/DC

Power consumption AC: 5 VA

Power consumption DC: 4 W

#### Measuring circuit

Meas. circ. frequ. range (Hz): 0 - 3000 Hz

Set. range response value Uon: 7.5 - 500 mV

Reset value Uoff: 2 x Uon

#### Semiconductor outputs

Number of semicond. outputs: 2

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.: 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.: | 3 A                                                    |
| Voltage DC13 safety cont.:      | 24 V                                                   |
| Safety contacts: AC at UL:      | 240 VAC G. P.                                          |
| 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 / II                                               |
| Pollution degree clear.&creep.: | 2                                                      |
| Mechanical data                 |                                                        |
| Mounting position:              | any                                                    |
| Housing material front plate:   | ABS UL 94 V0                                           |
| Connection terminal:            | Spring-loaded terminal                                 |
| Terminal style:                 | plug-in                                                |
| Height dimension:               | 101 mm                                                 |
| Width dimension:                | 45 mm                                                  |
| Depth dimension:                | 121 mm                                                 |
| Net weight:                     | 325 g                                                  |
| Gross weight:                   | 330 g                                                  |

| Environment                    |                                |
|--------------------------------|--------------------------------|
| RoHS except.s acc. to direct.: | 34, 7a, 7c I                   |
| REACH compliance:              | contains min. 1 SVHC-substance |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm)   |
| Commercial data                |                                |
| Harmonized System Code:        | 85364900                       |
| UNSPSC 25:                     | 39121527                       |
| EAN-Code:                      | 4046548050608                  |
| ECLASS version:                | ECLASS-13                      |
| ECLASS Reference Feature:      | 27371811                       |
| ETIM Version:                  | ETIM-9.0                       |
| ETIM Reference Group:          | EG000019                       |
| ETIM Reference Feature:        | EC001448                       |
| Volume:                        | 0.569 dm <sup>3</sup>          |

## Optional accessories

374291

PNOZ X Set spring loaded terminals P3+P4

