PILZ
THE SPIRIT OF SAFETY

## PNOZ 1 24VDC 3n/o 1n/c 775695




Safety relay (standalone), inputs: 1/2-channel wiring without detection of shorts across contacts, outputs: 3 N/O, 1 N/C,automatic/manual start and automatic start with start-up test, UB 24 V DC, width: 90 mm, screw terminals integrated, monitoring of E-STOP, safety gates.

## Technical details

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| **General data** | |
| Approval: | CCC, CE, UKCA, cULus Listed, TÜV, EAC (Eurasian) |
| **Technical data** | |
| **Electrical data** | |
| Supply voltage (V): | 24 - 24 V |
| Type of supply voltage U1: | DC |
| Power consumption DC: | 2.5 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 |

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| Voltage DC13 safety cont.: | 24 V |
| Safety contacts: AC at UL: | 240 VAC G. P. |
| Safety contacts: pilot duty: | B300, R300 |
| Relay contact material: | AgSnO2 |
| 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 |
| 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: | 90 mm |
| Depth dimension: | 121 mm |
| Net weight: | 400 g |
| Gross weight: | 415 g |
| Environment | |
| RoHS directive: | 2011/65/EU, 2015/863/EU |
| RoHS conformity: | yes |

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|---|---|
| RoHS exceptions: | yes |
| RoHS except.s acc. to direct.: | 6c, 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 classifikation (08/2018): | 5 devices (feed size < 50cm) |
| SCIP entry available: | 0 |
| Commercial data | |
| Harmonized System Code: | 85364900 |
| UNSPSC 25: | 39122331 |
| EAN-Code: | 4046548010152 |
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27371819 |
| ETIM Version: | ETIM-9.0 |
| ETIM Reference Group: | EG000019 |
| ETIM Reference Feature: | EC001449 |
| Volume: | 1 dm3 |