

PNOZ s6 24VDC 3 n/o 1 n/c

750106



PNOZsigma safety relay (standalone), inputs: 2-channel wiring, wiring, 1 N/O, 1 N/C per pushbutton, outputs: 3 N/O, 1 N/C, 1 SC, UB 24V DC, width: 22.5 mm, plug-in screw terminals, two-hand control relay simultaneity monitoring with two-hand pushbutton.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 3.5 W

Max. device circuit breaker: Max. conductor cross section

Type of two-hand device: III C

Inputs

Number of inputs: 2

Semiconductor outputs

Number of semicond. outputs: 1

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

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|---------------------------------|--|
| 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.U. (same polarity) |
| 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 lower section: | PC |
| Housing material front plate: | PC |
| Housing material upper part: | PC |
| Connection terminal: | Screw terminal |
| Terminal style: | plug-in |
| Flex. cond. c/s AWG info: | 24 - 12 AWG |
| Height dimension: | 98 mm |
| Width dimension: | 22.5 mm |
| Depth dimension: | 120 mm |
| Net weight: | 185 g |

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|--------------------------------|--------------------------------|
| Gross weight: | 195 g |
| Environment | |
| RoHS except.s acc. to direct.: | 7c I |
| REACH compliance: | contains min. 1 SVHC-substance |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| Harmonized System Code: | 85364900 |
| EAN-Code: | 4046548025651 |
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27371821 |
| ETIM Version: | ETIM-9.0 |
| ETIM Reference Group: | EG000019 |
| ETIM Reference Feature: | EC001452 |
| Volume: | 0.300 |

Optional accessories

750010

PNOZ s terminator plug (10 pieces)



750004

PNOZ s Setscrew terminals 22,5mm

