

PNOZ e1vp 10/24VDC 1so 1so t

774131



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 2 safety outputs, 1 auxiliary output in SC technology, delayed automatic/monitored start, UB = 24 V DC, width: 22.5 mm, plug-in terminals of screw type, connection between several devices, monitoring of E-STOP, safety gates, feedback loop.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Max. device circuit breaker: 6 A slow / 10 A quick

Semiconductor outputs

Utilisation cat. to EN 60947-1: DC-12

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, EN 61000-6-4

Vibration to standard ...: EN 60068-2-6

Clearance & creepage dist. to: EN 60947-1

Overvoltage category: III

Pollution degree clear.&creep.: 2

Times

| | |
|--------------------------------|---|
| Selectable times: | 7 s, 3 s, 5 s, 0.15 s, 1 s, 0 s, 0.5 s, 10 s, 2 s |
| Tolerance Tv: | +/-10 % + 40 ms |
| Repetition accuracy: | 5 % |
| Mechanical data | |
| Mounting position: | any |
| Housing material front plate: | ABS UL 94 V0 |
| Connection terminal: | Screw terminal |
| Terminal style: | plug-in |
| Flex. cond. c/s AWG info: | 24 - 12 AWG |
| Height dimension: | 94 mm |
| Width dimension: | 22.5 mm |
| Depth dimension: | 121 mm |
| Net weight: | 130 g |
| Gross weight: | 145 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: | 85365019 |
| UNSPSC 25: | 39122331 |
| EAN-Code: | 4046548011982 |

| | |
|---------------------------|-----------|
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27371819 |
| ETIM Version: | ETIM-9.0 |
| ETIM Reference Group: | EG000019 |
| ETIM Reference Feature: | EC001449 |
| Volume: | 0.285 dm3 |

Optional accessories



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Terminal block filter 1



774196

Terminal block filter 2



374280

PNOZ X Set plug in screw terminals P1+P2