

PNOZ s9 C 24VDC 3 n/o 1 n/c t

751109



PNOZsigma safety relay (standalone), inputs: 1-channel wiring possible, outputs: 3 N/O, 1 N/C, (t = 0.04 - 300 s), UB = 24 V DC, width: 17.5 mm plug-in spring-loaded terminals, contact block and timer relay for contact expansion in connection with safety-related control components or for the process of a safe timer function (energising, fallback, pulsing).

Technical details

General data

Approval: CE, CCC, 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: 2 W

Relay outputs

Number of del. aux. contacts: 1

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.: 5 A

Voltage DC13 safety cont.: 24 V

Safety contacts: AC at UL: 240 VAC G.U. (same polarity)

Relay contact material: AgCuNi

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|---------------------------------|---|
| Addit. contact details relay: | + 0.2 μ m Au |
| Environmental data | |
| Climatic suitability to ...: | EN 60068-2-78 |
| Ambient temperature: | -15 - 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 |
| Pollution degree clear.&creep.: | 2 |
| Times | |
| Selectable times: | 0.8 s, 0.7 s, 0.4 s, 0.3 s, 0.2 s, 15 s, 2.5 s, 1.5 s, 25 s, 35 s, 0.5 s, 0.6 s, 7 s, 6 s, 3 s, 5 s, 4 s, 210 s, 150 s, 0.1 s, 0.04 s, 8 s, 90 s, 80 s, 60 s, 50 s, 20 s, 30 s, 40 s, 16 s, 1 s, 2 s, 70 s, 100 s, 120 s, 140 s, 200 s, 300 s, 160 s, 180 s, 3.5 s, 14 s, 240 s, 12 s, 10 s |
| Tolerance Tv: | +/-1 % + +/-20 ms |
| Repetition accuracy: | +/-1 % + +/-20 ms |
| Tolerance in event of error: | +/-15 % + +/-20 ms |
| Min. delay time formula: | tv - 15 % - 20 ms |
| Max. delay time formula: | tv + 15 % + 20 ms |
| Mechanical data | |
| Mounting position: | any |
| Housing material lower section: | PC |
| Housing material front plate: | PC |
| Housing material upper part: | PC |
| Connection terminal: | Spring-loaded terminal |
| Terminal style: | plug-in |
| Height dimension: | 100 mm |
| Width dimension: | 17.5 mm |

| | |
|--------------------------------|--------------------------------|
| Depth dimension: | 120 mm |
| Net weight: | 175 g |
| Gross weight: | 185 g |
| Environment | |
| REACH compliance: | contains min. 1 SVHC-substance |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| ECLASS version: | ECLASS-9.1 |
| ECLASS Reference Feature: | 27371819 |
| ETIM Version: | ETIM-7.0 |
| ETIM Reference Group: | EG000019 |

Optional accessories



750020

PNOZ s connector (10 pieces)



751003

PNOZ s Setspring loaded terminals 17,5mm