

PNOZ m EF 2DOR

772146



Configurable safe small controllers PNOZmulti 2, expansion module, 2 safe relay outputs.

Technical details

General data

Approval: CE, UKCA, TÜV

Application range: Failsafe

Technical data

Electrical data

Purpose of UINT1: Module supply

Source of internal voltage: Via base unit

Voltage type of UINT1: DC

Permitted loads: Resistive, Inductive

Relay outputs

Number of relay outputs: 2

Utilisation cat. AC/DC1 stand.: EN 60947-4-1

Voltage AC1 safety cont.: 250 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

PILZ

THE SPIRIT OF SAFETY

| | |
|---------------------------------|--|
| Relay contact material: | AgCuNi |
| Addit. contact details relay: | + 0.2 µm Au |
| Pot. isolation relay outputs: | Yes |
| Environmental data | |
| Ambient temperature standard: | EN 60068-2-14 |
| Ambient temperature: | 0 - 60 °C |
| Storage temperature standard: | EN 60068-2-1/-2 |
| Climatic suitability standard: | EN 60068-2-30, EN 60068-2-78 |
| Condensation permitted?: | Not permitted |
| Perm. operating height ASL: | 2000 m |
| EMC to standard ...: | EN 61131-2 |
| Vibration to standard ...: | EN 60068-2-6 |
| Acc. shock to standard1: | 15g |
| Clearance & creepage dist. to: | EN 61131-2 |
| Overvoltage category: | II |
| Pollution degree clear.&creep.: | 2 |
| Protection type standard: | EN 60529 |
| Potential separation | |
| Potential isolation 1 between: | RL output and system voltage |
| Type of potential isolation 1: | Safe separation |
| Mechanical data | |
| Mounting position: | horizontal on top hat rail |
| DIN-rail dimensions: | 35 x 7.5 EN 50022 |
| Housing material lower section: | PC |
| Housing material front plate: | PC |
| Housing material upper part: | PC |
| Connection terminal: | Spring-loaded terminal, Screw terminal |
| Terminal style: | plug-in |
| Flex. cond. c/s AWG info: | 24 - 12 AWG |



THE SPIRIT OF SAFETY

| | |
|--------------------------------|------------------------------|
| Height dimension: | 101.4 mm |
| Width dimension: | 22.5 mm |
| Depth dimension: | 120 mm |
| Net weight: | 144 g |
| Gross weight: | 153 g |
| Environment | |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| Harmonized System Code: | 85389091 |
| ECLASS version: | ECLASS-9.1 |
| ECLASS Reference Feature: | 27242204 |
| ETIM Version: | ETIM-7.0 |
| ETIM Reference Group: | EG000024 |
| ETIM Reference Feature: | EC001419 |

Obligatory accessories

751018 PNOZ m Spring Terminal X1

750018 PNOZ m Screw Terminal X1

Optional accessories

779260 PNOZ mm0.xp connector left (10 pcs)





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