

## PNOZ yo4 3NO t

2A000009



Expansion module for the modular safety relay myPNOZ, 1 output function with 3 safe relay outputs, positive guided, delayed and 1 input for feedback loop, 1 signal output, 1 rotary switch for setting the delay time, 1 rotary switch for the factor setting for the delay and for selecting the off or on delay, LED display

## Technical details

### General data

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

### Technical data

### Electrical data

Purpose of UINT1: Module supply

Source of internal voltage: Via head module

Voltage type of UINT1: DC

Permitted loads: Resistive, Inductive

### Inputs

U input to EN 61131-2 Type 1: 24 V DC

Potential isolation input: No

### Relay outputs

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: pilot duty:    | B300, R300                             |
| Pilot duty R300 to UL:          | 24 V DC                                |
| 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:            | -10 - 55 °C                            |
| Storage temperature standard:   | EN 60068-2-1/-2                        |
| Climatic suitability standard:  | EN 60068-2-78                          |
| Condensation permitted?:        | Not permitted                          |
| EMC to standard ...:            | EN 60947-5-1, EN 61326-3-1             |
| Vibration to standard ...:      | EN 60068-2-6                           |
| Acc. shock to standard1:        | 15g                                    |
| Clearance & creepage dist. to:  | EN 60947-5-1                           |
| Overvoltage category:           | III                                    |
| Pollution degree clear.&creep.: | 2                                      |
| Protection type standard:       | EN 60529                               |
| Times                           |  |
| Tolerance Tv:                   | +/-1.5 %                               |
| Potential separation            |  |
| Potential isolation 1 between:  | Output and system voltage              |
| Type of potential isolation 1:  | Safe separation                        |
| Mechanical data                 |  |
| Mounting position:              | any                                    |
| Housing material lower section: | 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                    |
| Height dimension:              | 98 mm                          |
| Width dimension:               | 17.5 mm                        |
| Depth dimension:               | 121 mm                         |
| Net weight:                    | 116 g                          |
| Gross weight:                  | 128 g                          |
| <b>Environment</b>             |                                |
| RoHS directive:                | 2011/65/EU, 2015/863/EU        |
| RoHS conformity:               | yes                            |
| RoHS exceptions:               | yes                            |
| RoHS except.s acc. to direct.: | 34, 7a, 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 classification (08/2018): | 5 devices (feed size < 50cm)   |
| SCIP entry available:          | 0                              |
| <b>Commercial data</b>         |                                |
| Harmonized System Code:        | 85364900                       |
| UNSPSC 25:                     | 46171620                       |
| EAN-Code:                      | 4046548087888                  |
| ECLASS version:                | ECLASS-13                      |
| ECLASS Reference Feature:      | 27371819                       |
| ETIM Version:                  | ETIM-9.0                       |
| ETIM Reference Group:          | EG000019                       |
| ETIM Reference Feature:        | EC001449                       |
| Volume:                        | 1.019 dm <sup>3</sup>          |

## Obligatory accessories

750003

PNOZ s Setscrew terminals 17,5mm



751003

PNOZ s Setspring loaded terminals 17,5mm



## Optional accessories



2A000202

myPNOZ connector (10pcs.)