

## PNOZ e6.1p C 24VDC 4n/o 2so

784192



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 2 safety outputs, 4 safe relay contacts, 1 auxiliary output in SC technology, automatic/monitored start, UB = 24 V DC, width: 45 mm, plug-in plug-in spring-loaded terminals, connection between several devices, monitoring of E-STOP, safety gates, feedback loop.

## Technical details

| General data                    |                                                         |
|---------------------------------|---------------------------------------------------------|
| Approval:                       | CE, CCC, UKCA, cULus Listed, KOSHA, 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                                                   |
| 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                                                     |
| 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                                                    |
| Safety contacts: AC at UL:      | 250 VAC G.U. (same polarity)                            |

|                                 |                                                        |
|---------------------------------|--------------------------------------------------------|
| Safety contacts: pilot duty:    | R300, B300                                             |
| Relay contact material:         | AgCuNi                                                 |
| Addit. contact details relay:   | + 0.2 µm Au                                            |
| Environmental data              |                                                        |
| Climatic suitability to ...:    | EN 60068-2-78                                          |
| Ambient temperature:            | -10 - -10 °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                                                      |
| Mechanical data                 |                                                        |
| Mounting position:              | any                                                    |
| Housing material front plate:   | ABS UL 94 V0                                           |
| Connection terminal:            | Spring-loaded terminal                                 |
| Terminal style:                 | plug-in                                                |
| Height dimension:               | 101 mm                                                 |
| Width dimension:                | 45 mm                                                  |
| Depth dimension:                | 121 mm                                                 |
| Net weight:                     | 280 g                                                  |
| Gross weight:                   | 300 g                                                  |
| Environment                     |                                                        |
| REACH compliance:               | contains min. 1 SVHC-substance                         |
| WEEE classification (08/2018):  | 5 devices (feed size < 50cm)                           |
| Commercial data                 |                                                        |
| Harmonized System Code:         | 85364900                                               |
| UNSPSC 25:                      | 39122331                                               |

|                           |               |
|---------------------------|---------------|
| EAN-Code:                 | 4046548008791 |
| ECLASS version:           | ECLASS-13     |
| ECLASS Reference Feature: | 27371819      |
| ETIM Version:             | ETIM-9.0      |
| ETIM Reference Group:     | EG000019      |
| ETIM Reference Feature:   | EC001449      |
| Volume:                   | 0.600         |

## Optional accessories



774195

Terminal block filter 1



774196

Terminal block filter 2



374291

PNOZ X Set spring loaded terminals P3+P4



374290

PNOZ X Set spring loaded terminals P1+P2