

## PNOZ e4.1p C 24VDC 2so

784180



Safety relay (standalone), inputs: 2-channel wiring with detection of shorts across contacts, outputs: 2 safety outputs + 1 auxiliary output of SC type, automatic/monitored start, UB = 24 V DC, width: 22.5 mm, plug-in spring-loaded terminals, connection between several devices, safety gate monitor.

## Technical details

| General data                    |                                                        |
|---------------------------------|--------------------------------------------------------|
| Approval:                       | CE, UKCA, cULus Listed, KOSHA, EAC (Eurasian), TÜV     |
| 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                                  |
| Inputs                          |                                                        |
| Safety mat resistance:          | 150 Ohm                                                |
| Semiconductor outputs           |                                                        |
| Utilisation cat. to EN 60947-1: | DC-12                                                  |
| 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 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                              |
| 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:                | 22.5 mm                        |
| Depth dimension:                | 121 mm                         |
| Net weight:                     | 125 g                          |
| Gross weight:                   | 145 g                          |
| Environment                     |                                |
| REACH compliance:               | contains min. 1 SVHC-substance |
| WEEE classification (08/2018):  | 5 devices (feed size < 50cm)   |
| Commercial data                 |                                |
| Harmonized System Code:         | 85365019                       |
| UNSPSC 25:                      | 39122331                       |
| EAN-Code:                       | 4046548008838                  |
| ECLASS version:                 | ECLASS-13                      |
| ECLASS Reference Feature:       | 27371819                       |
| ETIM Version:                   | ETIM-9.0                       |
| ETIM Reference Group:           | EG000019                       |
| ETIM Reference Feature:         | EC001449                       |
| Volume:                         | 0.3                            |

## Optional accessories



774195

Terminal block filter 1



774196

Terminal block filter 2



374290

PNOZ X Set spring loaded terminals P1+P2