

## PNOZ XV2.1 30/24-240VACDC 2n/o 2n/o t

774550



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 2 N/O, 2 N/Ot-d, UB = 24 - 240 V AC/DC, width: 90 mm, screw terminals integrated, E-STOP monitoring, safety gates with 2 delay-on de-energisation contacts, release time 12levels from 0.1 - 30 s.

## Technical details

|                                 |  |
|---------------------------------|--|
| General data                    |  |
| Approval:                       | CCC, CE, cULus Listed, TÜV, EAC (Eurasian) |
| Technical data                  |  |
| Electrical data                 |  |
| Supply voltage (V):             | 24 - 240 V                                 |
| Type of supply voltage U1:      | AC/DC                                      |
| Power consumption AC:           | 8.5 VA                                     |
| Power consumption DC:           | 5 W  |
| Inputs                          |  |
| Number of inputs:               | 2  |
| Semiconductor outputs           |  |
| Number of semicond. outputs:    | 0  |
| Relay outputs                   |  |
| Utilisation cat. AC/DC1 stand.: | EN 60947-4-1                               |
| Voltage AC1 safety cont.:       | 240 V                                      |
| Max. current AC1 safety cont.:  | 8 A  |
| Voltage DC1 safety cont.:       | 24 V                                       |
| Max. current DC1 safety cont.:  | 8 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. P.   |
| Safety contacts: pilot duty:    | C300, R300  |
| Relay contact material:         | AgSnO <sub>2</sub>  |
| Addit. contact details relay:   | + 0.2 µm Au   |
| <b>Environmental data</b>       |   |
| Climatic suitability to ...:    | EN 60068-2-78   |
| Ambient temperature:            | -10 - 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 61326-3-1, EN 61000-6-4              |
| Vibration to standard ...:      | EN 60068-2-6  |
| Clearance & creepage dist. to:  | EN 60947-1  |
| Overvoltage category:           | III / II  |
| Pollution degree clear.&creep.: | 2   |
| <b>Times</b>                    |   |
| Selectable times:               | 6 s, 20 s, 30 s, 4 s, 15 s, 25 s, 0.1 s, 1 s, 0.5 s, 2 s, 10 s, 8 s |
| Tolerance Tv:                   | -15 %/+15 % +50 ms  |
| Repetition accuracy:            | 2 %   |
| <b>Mechanical data</b>          |   |
| Mounting position:              | any   |
| Housing material lower section: | PPO UL 94 V0  |
| Housing material front plate:   | ABS UL 94 V0  |
| Housing material upper part:    | PPO UL 94 V0  |
| Connection terminal:            | Screw terminal  |
| Terminal style:                 | fixed   |
| Flex. cond. c/s AWG info:       | 24 - 10 AWG   |
| Height dimension:               | 87 mm   |

|                                |                              |
|--------------------------------|------------------------------|
| Width dimension:               | 90 mm                        |
| Depth dimension:               | 121 mm                       |
| Net weight:                    | 510 g                        |
| Gross weight:                  | 520 g                        |
| Environment                    |                              |
| 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

774090

COVER P-93

