

P2HZ X1 24VDC 3n/o 1n/c

774340



Safety relay (standalone), inputs: Per pushbutton 1 N/O, 1 N/C, outputs: 3 N/O, 1 N/C, 2 SC, UB 24 V DC, width: 45 mm, screw terminals integrated, two-hand control relay, simultaneity monitoring with two-hand pushbutton.

## Technical details

### General data

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

### Technical data

### Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 2.5 W

Max. device circuit breaker: Max. conductor cross section

Type of two-hand device to: EN 574

Type of two-hand device: III C

### Inputs

Number of inputs: 2

### Semiconductor outputs

Number of semicond. outputs: 2

Tolerance ext. volt. DC S/C: -15 %/+10 %

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.: 5 A

Voltage DC1 safety cont.:	24 V
Max. current DC1 safety cont.:	5 A
Utilisation cat. AC15/DC13sta.:	EN 60947-5-1
Voltage AC15 safety cont.:	230 V
Max. current AC15 safety cont.:	2.5 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:	AgSnO2
Addit. contact details relay:	+ 0.2 µm Au
<b>Environmental data</b>	
Climatic suitability to ...:	EN 60068-2-78
Ambient temperature:	-25 - 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
Vibration to standard ...:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60947-1
Overvoltage category:	III / II
Pollution degree clear.&creep.:	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:	45 mm
Depth dimension:	121 mm
Net weight:	280 g
Gross weight:	290 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27371821
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000019