

PNOZ X2.5P 24VDC 2n/o 1so

777308



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 2 N/O, 1 SC, automatic/manual start, UB = 24 V DC, width: 22.5 mm, plug-in terminals of screw type, monitoring of E-STOP, safety gates, feedback loop.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 1.5 W

Inputs

Number of inputs: 2

Semiconductor outputs

Number of semicond. outputs: 1

Tolerance ext. volt. DC S/C: -20 %/+20 %

Utilisation cat. to EN 60947-1: DC-12

Relay outputs

Utilisation cat. AC/DC1 stand.: EN 60947-4-1

Voltage AC1 safety cont.: 240

Max. current AC1 safety cont.: 6

Voltage DC1 safety cont.: 24

Max. current DC1 safety cont.: 6

Utilisation cat. AC15/DC13sta.: EN 60947-5-1

Voltage AC15 safety cont.:	230
Max. current AC15 safety cont.:	5
Voltage DC13 safety cont.:	24
Safety contacts: AC at UL:	240 VAC G. P.
Safety contacts: pilot duty:	B300, R300
Relay contact material:	AgSnO2
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?:	unzulässig
EMC to standard ...:	EN 60947-5-1, EN 61000-6-2, EN 61326-3-1
Vibration to standard ...:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60947-1
Overvoltage category:	III / II
Pollution degree clear.&creep.:	2
Mechanical data	
Mounting position:	any
Housing material front plate:	ABS UL 94 V0
Housing material upper part:	PPO UL 94 V1
Connection terminal:	Screw terminal
Terminal style:	plug-in
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	94 mm
Width dimension:	22.5 mm
Depth dimension:	121 mm
Net weight:	190 g
Gross weight:	200 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:	4046548009828
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
Volume:	0.301

Optional accessories

374280

PNOZ X Set plug in screw terminals P1+P2

