

PNOZ s1 24VDC 2 n/o

750101



PNOZsigma safety relay (standalone), inputs: 1-channel wiring wiring, manual/automatic start, outputs: 2 N/O, 1 SC, UB 24 V DC, width: 12.5 mm, plug-in screw terminals, monitoring of E-STOP, safety gates.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 2

Inputs

Number of inputs: 1

Semiconductor outputs

Number of semicond. outputs: 1

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.: 3

Voltage DC1 safety cont.: 24

Max. current DC1 safety cont.: 3

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

Voltage AC15 safety cont.: 230

Max. current AC15 safety cont.:	1.5
Voltage DC13 safety cont.:	24
Safety contacts: AC at UL:	240 V AC G. U.
Safety contacts: pilot duty:	R300, B300
Relay contact material:	AgSnO2
Environmental data	
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 61000-6-4, 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
Protection type, mounting:	IP54
Protection type, housing:	IP40
Terminal protection type:	IP20
Mechanical data	
Mounting position:	beliebig
Housing material lower section:	PC
Housing material front plate:	PC
Housing material upper part:	PC
Connection terminal:	Schraubklemme
Terminal style:	steckbar
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	98
Width dimension:	12.5
Depth dimension:	120

Net weight:	105
Gross weight:	115
Environment	
REACH compliance:	contains min. 1 SVHC-substance
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
ETIM Reference Feature:	EC001449

Optional accessories

750010

PNOZ s terminator plug (10 pieces)



750002

PNOZ s Setscrew terminals 12,5mm

