

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 spring-loaded 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:	Federkraftklemme
Terminal style:	steckbar
Height dimension:	100 mm
Width dimension:	12.5 mm
Depth dimension:	120 mm
Net weight:	105 g

Gross weight:	115 g
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

751002

PNOZ s Setspring loaded terminals 12,5mm

750010

PNOZ s terminator plug (10 pieces)