

PNOZ 16S 240VAC 24VDC 2n/o 2so

774077

Safety relay (standalone) Inputs: 1- / 2-channel wiring with detection of shorts across contacts Outputs: 2 N/O, 2 semiconductor UB 240 V AC/24 V DC, width: 45 mm, integral screw terminals, Monitoring E-STOP, safety gates, pressure sensitive mats (in accordance with the short circuit principle).

Technical details

General data	
Approval:	CE, CCC, cULus Listed, TÜV, EAC (Eurasian)
Technical data	
Electrical data	
Supply voltage (V):	240 - 240 V
Type of supply voltage U1:	AC
Power consumption AC:	3.5
Supply voltage 2 (V):	24, 24
Type of supply voltage U2:	DC
Inputs	
Number of inputs:	2
Safety mat resistance:	80
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
Max. current AC1 safety cont.:	8

Voltage DC1 safety cont.:	24
Max. current DC1 safety cont.:	8
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:	R300, C300
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 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:	350 g
Gross weight:	360 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)

Optional accessories

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COVER P-93

