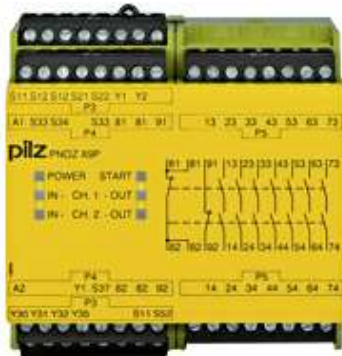


PNOZ X9P 24VDC 7n/o 2n/c 2so

777609



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 7 N/O, 2 N/C, 2 SC automatic/monitored start, UB = 24 V DC, width: 90 mm, plug-in screw terminals, monitoring of E-STOP, safety gates, light curtain.

Technical details

General data	
Approval:	CCC, CE, UKCA, cULus Listed, EAC (Eurasian), TÜV
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	5.5
Inputs	
Number of inputs:	2
Semiconductor outputs	
Number of semicond. outputs:	2
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.:	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 V AC 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 - 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 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:	P_SCHUTZ_GEHAEU_IP40
Terminal protection type:	IP20
Mechanical data	
Mounting position:	beliebig
Housing material lower section:	PPO UL 94 V1
Housing material front plate:	ABS UL 94 V0
Housing material upper part:	PPO UL 94 V1
Connection terminal:	Schraubklemme
Terminal style:	steckbar
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	94 mm

Width dimension:	90 mm
Depth dimension:	121 mm
Net weight:	570 g
Gross weight:	575 g
Environment	
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



374282

PNOZ X Set plug in screw terminals P5+P5



374281

PNOZ X Set plug in screw terminals P3+P4