

PNOZ 16 42VAC 24VDC 2n/o

774061



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 2 N/O, UB =42 V AC/24 V DC, width: 45 mm, screw terminals integrated, monitoring of E-STOP, safety gates, pressure-sensitive mats (to short circuit principle), feedback loop. This product has been discontinued. The following products are fully compatible in function: 750104 751104 However, it should be checked for the respective application whether all necessary framework conditions and parameters are also fulfilled for the intended use.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 42 - 42 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: 0

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:	C300, 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:	fixed
Flex. cond. c/s AWG info:	24 - 10 AWG
Height dimension:	87 mm
Width dimension:	45 mm
Depth dimension:	121 mm
Net weight:	335 g

Gross weight:	345 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
UNSPSC 25:	39122331
EAN-Code:	4046548012286
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449

Optional accessories

774090

COVER P-93

