PNOZ c1 24VDC 3n/o 1n/c 710001



PNOZcompact safety relay (standalone), inputs: 2-channel wiring with detection of shorts across contacts, manual/automatic start, outputs: 3 N/O, 1 N/C, UB 24 V DC, width: 22.5 mm, spring-loadedterminals fixed at the front of the unit, monitoring of E-STOP, safety gates.

Technical details

General data	
Approval:	CE, CCC, UKCA, cULus Listed, TÜV, EAC (Eurasian)
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	2.5 W
Inputs	
Number of inputs:	2
Semiconductor outputs	
Number of semicond. outputs:	0
Relay outputs	
Utilisation cat. AC/DC1 stand.:	EN 60947-4-1
Voltage AC1 safety cont.:	240 V
Max. current AC1 safety cont.:	6 A
Voltage DC1 safety cont.:	24 V
Max. current DC1 safety cont.:	6 A
Utilisation cat. AC15/DC13sta.:	EN 60947-5-1
Voltage AC15 safety cont.:	230 V
Max. current AC15 safety cont.:	5 A

Voltage DC13 safety cont.:	24 V
Safety contacts: AC at UL:	240 VAC G.U. (same polarity)
Relay contact material:	AgCuNi
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 61000-6-4, EN 61326-3-1
Vibration to standard ...:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60947-1
Overvoltage category:	III
Pollution degree clear.&creep.:	2
Mechanical data	
Mounting position:	any
Housing material lower section:	PC
Housing material upper part:	PC
Connection terminal:	Spring-loaded terminal
Terminal style:	fixed
Height dimension:	105 mm
Width dimension:	22.5 mm
Depth dimension:	100 mm
Net weight:	160 g
Gross weight:	170 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes

RoHS except.s acc. to direct.:	7a, 7c I
REACh compliance:	contains min. 1 SVHC-substance
REACh included substances:	Lead, Lead oxide
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1, 1317-36-8
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85364190
UNSPSC 25:	39122331
EAN-Code:	4046548070507
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
Volume:	0.273 dm3