

PNOZ X2.8P C 24VACDC 3n/o 1n/c

787301



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 3 N/O, 1 N/C, automatic/manual start, UB 24 V AC/DC, width: 22.5 mm, plug-in spring-loaded terminals, monitoring of E-STOP, safety gates, lightguard.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: AC/DC

Power consumption AC: 5.5

Power consumption DC: 2.5

Inputs

Number of inputs: 2

Semiconductor outputs

Number of semicond. outputs: 0

Relay outputs

Utilisation cat. AC/DC1 stand.: P_SCHALTVERMOEGEN_NACH_EN 60947-4-1

Voltage AC1 safety cont.: 240

Max. current AC1 safety cont.: 6

Voltage DC1 safety cont.: 24

Max. current DC1 safety cont.: 6

Utilisation cat. AC15/DC13sta.: P_SCHALTVERMOEGEN_13_NACH_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:	P_SCHALT_SI_AC_UL_U_B_240 V AC G.U. (same polarity)
Safety contacts: pilot duty:	P_SCHALT_SI_UL_PD_R300
Relay contact material:	P_KONT_MAT_AgCuNi
Addit. contact details relay:	P_KONT_MAT_ZUSATZ_+ 0,2 µm Au
Environmental data	
Climatic suitability to ...:	P_KLIMA_EN 60068-2-78
Ambient temperature:	-35 - 55 °C
Humidity rating:	P_FEUCHTE_WERT_93 % r. F. bei 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, housing:	IP40
Mechanical data	
Mounting position:	any
Housing material lower section:	P_GEHAEUSE_MAT_U_PPO UL 94 V1
Housing material front plate:	P_GEHAEUSE_MAT_F_ABS UL 94 V0
Connection terminal:	Spring-loaded terminal
Terminal style:	plug-in
Height dimension:	101 mm
Width dimension:	22.5 mm
Depth dimension:	121 mm
Net weight:	180 g
Gross weight:	190 g
Environment	

RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 6c, 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
SCIP entry available:	yes
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
UNSPSC 25:	39122331
GTIN:	4046548008531
Volume:	0.317 dm3
Harmonized System Code:	85364900
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Optional accessories

374290

PNOZ X Set spring loaded terminals P1+P2

