

PSWZ X1P 0,5V /24-240VACDC 2n/o 1n/c 2so

777949



Safety relay (standalone), inputs: 1/2-channel wiring, outputs: 2 N/O, 1 N/C, 2 SC, UB 24 - 240 V AC/DC, UM = 0.02 - 0.5 VAC/DC, UMmax = 690 V, width: 45 mm, standstill monitor. The device monitors the EMC voltage created when motors run down.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 240 V

Type of supply voltage U1: AC/DC

Power consumption AC: 5

Power consumption DC: 3

Measuring circuit

Meas. circ. frequ. range (Hz): 0, 3000

Set. range response value Uon: P_HYS_ANSPR_WERT_UAN_20 - 500 mV

Reset value Uoff: P_HYS_RUECK_WERT_UAB_2 x Uon

Semiconductor outputs

Number of semicond. outputs: 2

Tolerance ext. volt. DC S/C: P_HALBL_TOLERANZ_UB_EXT_DC_-20 %/+20 %

Utilisation cat. to EN 60947-1: P_GEBRAUCHSKATEGORIE_DC-12

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.:	3
Voltage DC13 safety cont.:	24
Safety contacts: AC at UL:	P_SCHALT_SI_AC_UL_U_B_240 V AC G. P.
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:	-10 - 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:	Screw terminal
Terminal style:	plug-in
Flex. cond. c/s AWG info:	P_QUER_1L_AWG_24 - 14 AWG
Height dimension:	94 mm
Width dimension:	45 mm

Depth dimension:	121 mm
Net weight:	325 g
Gross weight:	330 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	34, 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
SCIP entry available:	yes
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371811
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001448
UNSPSC 25:	39121527
GTIN:	4046548009156
Volume:	0.569 dm3
Harmonized System Code:	85364900
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Optional accessories



374281

PNOZ X Set plug in screw terminals P3+P4