PILZ
THE SPIRIT OF SAFETY

PSWZ X1P C 3V/24-240VACDC 2n/o 1n/c2so 787950



Safety relay (standalone), inputs: Measuring inputs 1/3-phase motors, outputs: 2 N/O, 1 N/C, 2 SC, UB = 24 - 240 V AC/DC, UMmax = 690V, switching threshold 120 - 3000 mV, width: 45 mm, plug-in spring-loaded terminals, standstill monitoring, the device monitors theEMC voltage created during motor rundown.

Technical details

General data	
Approval:	CCC, CE, UKCA, cULus Listed, EAC (Eurasian), TÜV
Technical data	
Electrical data	
Supply voltage (V):	24 - 240 V
Type of supply voltage U1:	AC/DC
Power consumption AC:	5 VA
Power consumption DC:	4 W
Measuring circuit	
Meas. circ. frequ. range (Hz):	0 - 3000 Hz
Set. range response value Uon:	120 - 3000 mV
Reset value Uoff:	2 x Uon
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 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.:	3 A
Voltage DC13 safety cont.:	24 V
Safety contacts: AC at UL:	240 VAC G. P.
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 / II
Pollution degree clear.&creep.:	2
Mechanical data	
Mounting position:	any
Housing material front plate:	ABS UL 94 V0
Connection terminal:	Spring-loaded terminal
Terminal style:	plug-in
Height dimension:	101 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, 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
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85364900
UNSPSC 25:	39121527
EAN-Code:	4046548007916
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371811
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001448
Volume:	0.605 dm3

Optional accessories

374291 PNOZ X Set spring loaded terminals P3+P4

