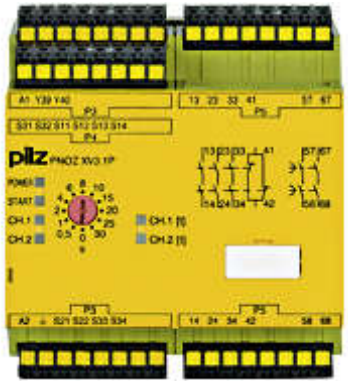
PILZ
THE SPIRIT OF SAFETY

PNOZ XV3.1P C 30/24-240VACDC 3no 1nc 2no 787530



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 3 N/O, 1 N/C,2 N/O t-d (t = 0.1 - 30 s), automatic/monitored start, UB = 24 - 240 V AC/DC, width: 90 mm, plug-in spring-loaded terminals, monitoring of E-STOP, safety gates, light curtain.

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:	8.5 VA
Power consumption DC:	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.:	8 A
Voltage DC1 safety cont.:	24 V
Max. current DC1 safety cont.:	8 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. 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 - 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
Times	
Selectable times:	20 s, 30 s, 15 s, 25 s, 1 s, 0.5 s, 2 s, 6 s, 4 s, 0.1 s, 10 s, 8 s
Tolerance Tv:	-15 %/+15 % +50 ms
Repetition accuracy:	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:	90 mm
Depth dimension:	121 mm
Net weight:	535 g

Gross weight:	545 g
Environment	
REACh compliance:	contains min. 1 SVHC-substance
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85364900
UNSPSC 25:	39122331
EAN-Code:	4046548008197
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
Volume:	1.249 dm3

Optional accessories



374291 PNOZ X Set spring loaded terminals P3+P4



374292 PNOZ X Set spring loaded terminals P5+P5