

PNOZ e6vp C 24VDC 4n/o 1so 1so t

784193



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 2 safety outputs + 1 auxiliary outputs of SC type, 4 N/O, time-delayed, automatic/monitored start, UB = 24 V DC, width 45 mm, plug-in spring-loaded terminals, connection of several devices, E-STOP, safety gate monitor.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Max. device circuit breaker: 6 A slow / 10 A quick

Semiconductor outputs

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: 250 VAC G.U. (same polarity)

Safety contacts: pilot duty:	R300, B300
Relay contact material:	AgCuNi
Addit. contact details relay:	+ 0.2 µm Au
Environmental data	
Climatic suitability to ...:	EN 60068-2-78
Ambient temperature:	-10 - -10 °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
Times	
Selectable times:	7 s, 3 s, 5 s, 0.15 s, 1 s, 0 s, 0.5 s, 10 s, 2 s
Tolerance Tv:	+/-10 % + 40 ms
Repetition accuracy:	3 %
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:	280 g
Gross weight:	300 g
Environment	
REACH compliance:	contains min. 1 SVHC-substance

WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85364900
UNSPSC 25:	39122331
EAN-Code:	4046548008784
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
Volume:	0.57

Optional accessories



774195

Terminal block filter 1



774196

Terminal block filter 2



374291

PNOZ X Set spring loaded terminals P3+P4



374290

PNOZ X Set spring loaded terminals P1+P2