

PNOZ XV3.1 3/24VDC 3n/o 1n/c 2n/o t

774532



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, UB = 24 V DC, width: 90 mm, screw terminals integrated, E-STOP monitoring, safety gates with 2 delay-on de-energisation contacts, release time 12 levels from 0.1 - 3 s.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 4.5

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.: 8

Voltage DC1 safety cont.: 24

Max. current DC1 safety cont.: 8

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. P.
Safety contacts: pilot duty:	P_SCHALT_SI_UL_PD_C300, R300
Relay contact material:	P_KONT_MAT_AgSnO2
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 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
Times	
Selectable times:	0.8, 0.7000000000000001, 0.4, 3, 0.2, 0.3, 1.5, 0.1, 1, 2, 0.5, 0.6
Tolerance Tv:	-15 %/+15 % +50 ms
Repetition accuracy:	P_ZEIT_WIEDERHOL_2 %
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:	fixed
Flex. cond. c/s AWG info:	P_QUER_1L_AWG_24 - 10 AWG
Height dimension:	87 mm
Width dimension:	90 mm

Depth dimension:	121 mm
Net weight:	500 g
Gross weight:	505 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	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:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
UNSPSC 25:	39122331
GTIN:	4046548011067
Volume:	1.024 dm3
Harmonized System Code:	85364900
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Optional accessories

774090

COVER P-93

