

## PNOZ 2VQ 24VDC 3n/o 1n/c 2n/o t

774013



Safety relay (standalone), inputs: 1/2-channel wiring with/without detection of shorts across contacts, outputs: 3 N/O, 1 N/C, 1 STD, automatic/manual start, UB 24 V DC, width: 112.5 mm, screw terminals integrated, monitoring of E-STOP, safety gates, with two independently adjustable delay-on de-energisation contacts, release time 12 levels from 1 - 20 s/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: 6.5 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:	AgSnO <sub>2</sub>
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 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	
Tolerance Tv:	-15 %/+15 % +50 ms
Repetition accuracy:	2 %
Mechanical data	
Mounting position:	any
Housing material front plate:	ABS UL 94 V0
Connection terminal:	Screw terminal
Terminal style:	fixed
Flex. cond. c/s AWG info:	24 - 10 AWG
Height dimension:	87 mm
Width dimension:	112.5 mm
Depth dimension:	121 mm
Net weight:	600 g
Gross weight:	615 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:	4046548012606
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
Volume:	1.263 dm <sup>3</sup>