

PNOZ yh1 2DI 24VDC

2A000002



Head module for the modular safety relay myPNOZ, communication with expansion modules, supply voltage for myPNOZ, 1 input function, 2 test pulse outputs for detection of shorts acrosscontacts, 1 signal output, 1 rotary switch for selecting the functions, 1 rotary switch for setting the start type and test pulse detection, LED display

Technical details

General data

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

Technical data

Electrical data

Purpose of U1: System supply

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Inputs

U input to EN 61131-2 Type 1: 24 V DC

Potential isolation input: No

Test clock outputs

Number of test pulse outputs: 2

Environmental data

Ambient temperature standard: EN 60068-2-14

Ambient temperature: -10 - 55 °C

Storage temperature standard: EN 60068-2-1/-2

Climatic suitability standard: EN 60068-2-78

Condensation permitted?: Not permitted

Perm. operating height ASL: 5000 m

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
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	EN 60947-5-1
Overtoltage category:	III
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Times	
Simultaneity input circuit:	∞
Mechanical data	
Mounting position:	any
DIN-rail dimensions:	35 x 7.5 EN 50022
Housing material lower section:	PC
Housing material upper part:	PC
Connection terminal:	Spring-loaded terminal, Screw terminal
Terminal style:	plug-in
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	98 mm
Width dimension:	17.5 mm
Depth dimension:	121 mm
Net weight:	85 g
Gross weight:	95 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 classification (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85364900
UNSPSC 25:	46171620
EAN-Code:	4046548087819
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
Volume:	1.019 dm ³

Obligatory accessories

750003

PNOZ s Setscrew terminals 17,5mm



751003

PNOZ s Setspring loaded terminals 17,5mm



Optional accessories

2A000200

Adhesive seal for myPNOZ (20 pcs.)

