

PNOZ yio4 2DI 3NO t

2A000010



Expansion module for the modular safety relay myPNOZ, 1 input function, 1 output function with 3 safe relay outputs, positive guided, delayed and 1 input for feedback loop, 2 signal outputs, 1 rotary switch for setting the start type and test pulse detection, 1 rotary switch for setting the delay time, 1 rotary switch for the factor setting for the delay and for selecting the off or on delay, LED display

Technical details

General data

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

Technical data

Electrical data

Purpose of UINT1: Module supply

Source of internal voltage: Via head module

Voltage type of UINT1: DC

Permitted loads: Resistive, Inductive

Inputs

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

Potential isolation input: No

Relay outputs

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.: 5 A

Voltage DC13 safety cont.: 24 V

Safety contacts: pilot duty:	B300, R300
Pilot duty R300 to UL:	24 V DC
Relay contact material:	AgCuNi
Addit. contact details relay:	+ 0.2 µm Au
Pot. isolation relay outputs:	Yes
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
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
Overvoltage category:	III
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Times	
Tolerance Tv:	+/-1.5 %
Simultaneity input circuit:	∞
Potential separation	
Potential isolation 1 between:	Output and system voltage
Type of potential isolation 1:	Safe separation
Mechanical data	
Mounting position:	any
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:	115 g
Gross weight:	127 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:	yes
Commercial data	
Harmonized System Code:	85364900
UNSPSC 25:	46171620
EAN-Code:	4046548087895
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
Volume:	1.019

Obligatory accessories

750003

PNOZ s Setscrew terminals 17,5mm



751003

PNOZ s Setspring loaded terminals 17,5mm



Optional accessories



2A000202

myPNOZ connector (10pcs.)