PNOZ yio2 2DI 3NO 2A000015



Expansion module for the modular safety relay myPNOZ, 1 input function, 1 output function with 3 safe relay outputs, positive guided, instantaneous, and 1 input for feedback loop, 2 signal outputs, 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 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	
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	
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85364900
EAN-Code:	4046548090987
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019
ETIM Reference Feature:	EC001449
Volume:	1.019 dm3

Obligatory accessories



750003 PNOZ s Setscrew terminals 17,5mm



751003 PNOZ s Setspring loaded terminals 17,5mm

Optional accessories



2A000202 myPNOZ connector (10pcs.)