PNOZ yio1 2DI 2SO 2A000013



Expansion module for the modular safety relay myPNOZ, connection for supply voltage to the semiconductor outputs, 1 input function, 2 output functions, each with 1 safe semiconductor output, instantaneous, and 1 input for feedback loop, 2 signal outputs, LED display

Technical details

General data	
Approval:	CE, CCC, UKCA, cULus Listed, TÜV, EAC (Eurasian)
Technical data	
Electrical data	
Purpose of U2:	Supply of SC outputs
Supply voltage 2 (V):	12 - 12 V
Type of supply voltage U2:	DC
Potential isolation U2:	No
Purpose of UINT1:	Module supply
Source of internal voltage:	Via head module
Voltage type of UINT1:	DC
Permitted loads:	Resistive, Inductive, Capacitive
Inputs	
U input to EN 61131-2 Type 1:	24 V DC
Potential isolation input:	No
Semiconductor outputs	
Potential isolation of S/C O:	No
S/C output short circuit proof:	Yes
Perm. load 1pole Output:	Resistive, Inductive, Capacitive
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
Overvoltage category:	III
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Times	
Simultaneity input circuit:	∞
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:	90 g
Gross weight:	97 g
Environment	
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)

Commercial data	
Harmonized System Code:	85364190
EAN-Code:	4046548090963
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.)