PNOZ yio3 2DI 1SO 1SO t 2A000008



Expansion module for the modular safety relay myPNOZ, connection for supply voltage to the semiconductor outputs, 1 input function, 1 output function with 1 safe semiconductor output, instantaneous, and 1 input for feedback loop, 1 output function with 1 safe semiconductor output, 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 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	
Tolerance Tv:	+/-1.5 %
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:	87 g
Gross weight:	99 g
Environment	

WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85364190
EAN-Code:	4046548087871
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.)