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 rotary switch for selecting the functions, 1 rotary switch for setting the start type and test pulse detection, 1 signal output, 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
Overvoltage 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	
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85364900
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 dm3

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.)