

PNOZ yi1 4DI

2A000004



Expansion module of the modular safety relay myPNOZ, inputs: 4 for monitoring of up to 2 safety functions AND-connected: 1/2- channel wiring with/without detection of shorts across contacts, width:12.5mm

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

Inputs

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

Potential isolation input: No

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:	12.5 mm
Depth dimension:	121 mm
Net weight:	77 g
Gross weight:	89 g
Environment	
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)

Obligatory accessories



2A000202

myPNOZ connector (10pcs.)



751002

PNOZ s Setspring loaded terminals 12,5mm



750002

PNOZ s Setscrew terminals 12,5mm

Optional accessories



2A000202

myPNOZ connector (10pcs.)