

PNOZ m EF 8DI4DO

772142



Configurable safe small controllers PNOZmulti 2, expansion module, 8 safe digital inputs, 4 safe semiconductor outputs.

Technical details

General data	
Approval:	CE, UKCA, cULus Listed, KOSHA, TÜV, EAC (Eurasian)
Application range:	Fail-safe
Technical data	
Electrical data	
Purpose of U2:	Versorgung der HL-Ausgänge
Supply voltage 2 (V):	24
Type of supply voltage U2:	DC
Tolerance of U2:	-20 %/+25 %
Potential isolation U2:	ja
Purpose of U1NT1:	Versorgung des Moduls
Source of internal voltage:	über Basisgerät
Voltage type of U1NT1:	DC
Permitted loads:	ohmsch, induktiv, kapazitiv
Inputs	
Number of digital inputs:	8
U input to EN 61131-2 Type 1:	24 V DC
Potential isolation input:	nein
Semiconductor outputs	
Potential isolation of S/C O:	ja

S/C output short circuit proof:	ja
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	0 - 60 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-30, EN 60068-2-78
Condensation permitted?:	Not permitted
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61131-2
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Protection type, mounting:	IP54
Protection type, housing:	P_SCHUTZ_GEHAEU_IP20
Terminal protection type:	IP20
Potential separation	
Potential isolation 1 between:	SC output and system voltage
Type of potential isolation 1:	Basisisolierung
Mechanical data	
Mounting position:	waager. auf Hutschiene
DIN-rail dimensions:	35 x 7.5 EN 50022
Housing material lower section:	PC
Housing material front plate:	PC
Housing material upper part:	PC
Connection terminal:	Federkraftklemme, Schraubklemme
Terminal style:	steckbar

Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	101.4 mm
Width dimension:	22.5 mm
Depth dimension:	120 mm
Net weight:	105 g
Gross weight:	115 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242204
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001419

Obligatory accessories



750004

PNOZ s Setscrew terminals 22,5mm



751004

PNOZ s Setspring loaded terminals 22,5mm

Optional accessories

779260

PNOZ mm0.xp connector left (10 pcs)

