

PNOZ m B0

772100



Configurable safe small controllers PNOZmulti 2, base unit, expandable, 20 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 U1:	Versorgung des Systems
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
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
Permitted loads:	ohmsch, induktiv, kapazitiv

Configurable inputs/outputs

Number of configurable I/Os:	8
Potential isolation of IO:	nein
Short circ. prot. n/safe S/C O:	Ja
Voltage at 1 n/safe S/C O:	UB - 2 V bei 0,1 A

Inputs

Number of digital inputs:	12
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
Test clock outputs	
Number of test pulse outputs:	4
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
Width dimension:	45
Depth dimension:	120
Net weight:	235
Gross weight:	250
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead, Lead oxide
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1, 1317-36-8
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242207
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC000236

Obligatory accessories



773010B

Basic Licence for PNOZmulti Config.



779211

Chipcard 1 piece 32kB



779201

PNOZmulti Chipcard 1 piece 8kb



751008

PNOZ s Set1spring loaded terminals 45mm



750008

PNOZ s Set1screw terminals 45mm

Optional accessories

773010R

Time lim Licence 3Mth for PNOZmulti Conf

773010Q

Time lim Licence 4Mth for PNOZmulti Conf



779200

PNOZmulti Chipcard Set 10 piece 8KB

779212

PNOZmulti Chipcard Set 10 pieces 32kB



779261

PNOZ mm0.xp terminator left (10 pcs.)



779250

PNOZmulti Seal 12 pieces



779240

PNOZmulti Chipcard Holder (Sparepart)



779230

PNOZ Chip Card Reader



773011W

Project Upgr Licence for PNOZmulti Serv

773010W

Project Upgr Licence f. PNOZmulti Config

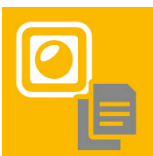
312993

PSSu A USB-CAB05



773011U

Basic Upgr Licence for PNOZmulti Service





312992

PSSu A USB-CAB03



773010U

Basic Upgr Licence for PNOZmulti Config

779260

PNOZ mm0.xp connector left (10 pcs)



773011V

User Upgr Licence for PNOZmulti Service



773011B

Basic Licence for PNOZmulti Service



773011K

User Licence for PNOZmulti Service

773011G

Project Licence for PNOZmulti Service

773010G

Project Licence for PNOZmulti Config