

PNOZ mm0.1p

772001



Configurable safe compact controllers PNOZmulti Mini, base unit, expandable, 20 safe digital inputs, 4 safe semiconductor outputs.

## Technical details

General data	
Approval:	CE, UKCA, cULus Listed, KCC, KOSHA, EAC (Eurasian), TÜV
Technical data	
Electrical data	
Purpose of U1:	Versorgung des Systems
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	35
Purpose of U2:	Versorgung der HL-Ausgänge
Supply voltage 2 (V):	24
Type of supply voltage U2:	DC
Tolerance of U2:	-15 %/+20 %
Configurable inputs/outputs	
Number of configurable I/Os:	8
Galv. isol. config. I/O:	Nein
Signal level at input at 1:	15 ... 30 V DC
Signal level at input at 0:	-3 ... +5 V DC
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
Signal level at input at 0:	-3 - +5 V DC
U input to EN 61131-2 Type 1:	24 V DC
Potential isolation input:	nein
Semiconductor outputs	
Number of semicond. outputs:	4
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
Humidity rating:	93 % r. h. at 40 °C
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:	IP20
Terminal protection type:	IP20
Potential separation	

Potential isolation 1 between:	SC output and system voltage
Type of potential isolation 1:	Basisisolierung
<b>Mechanical data</b>	
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:	Schraubklemme, Federkraftklemme
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	100 mm
Width dimension:	45 mm
Depth dimension:	120 mm
Net weight:	231 g
Gross weight:	250 g
<b>Environment</b>	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242207
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC000236

## Obligatory accessories

779211

Chipcard 1 piece 32kB





773010L

Lite Licence for PNOZmulti Config.



779201

PNOZmulti Chipcard 1 piece 8kb



751008

PNOZ s Set1spring loaded terminals 45mm



750008

PNOZ s Set1screw terminals 45mm

## Optional accessories

773010S

Time lim Licence 2Mth for PNOZmulti Conf

773010Q

Time lim Licence 4Mth for PNOZmulti Conf










750010

PNOZ s terminator plug ( 10 pieces)



750020

PNOZ s connector (10 pieces)

	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
	773011U	Basic Upgr Licence for PNOZmulti Service
	312993	PSSu A USB-CAB05
	773010U	Basic Upgr Licence for PNOZmulti Config



312992

PSSu A USB-CAB03



773011V

User Upgr Licence for PNOZmulti Service



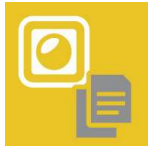
773010B

Basic Licence for PNOZmulti Config.



773011B

Basic Licence for PNOZmulti Service



773011K

User Licence for PNOZmulti Service



773010K

User Licence for PNOZmulti Config

773011G

Project Licence for PNOZmulti Service