

PNOZ mm0p 24VDC

772000



Configurable safe compact controllers PNOZmulti Mini base unit, not expandable, 20 safe digital inputs, 4 safe semiconductor outputs.

Technical details

General data

Approval: CE, UKCA, cULus Listed, KCC, KOSHA, TÜV, EAC (Eurasian)

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 W

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


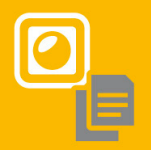

Voltage at 1 n/safe S/C O: UB - 2 V bei 0,1 A

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
Overtoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Terminal protection type:	IP20
Potential separation	
Potential isolation 1 between:	HL-Ausgang und Systemspannung
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:	Screw terminal, Spring-loaded terminal
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	100 mm
Width dimension:	45 mm
Depth dimension:	120 mm
Net weight:	226 g
Gross weight:	244 g
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

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

	773010R	Time lim Licence 3Mth for PNOZmulti Conf
	773010S	Time lim Licence 2Mth 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



779250

PNOZmulti Seal 12 pieces



779240

PNOZmulti Chipcard Holder (Sparepart)



779230

PNOZ Chip Card Reader



773011W

Project Upgr Licence for PNOZmulti Serv

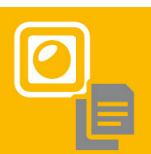


773010V

User Upgr Licence for PNOZmulti Config

773010W

Project Upgr Licence f. PNOZmulti Config



773011U

Basic Upgr Licence for PNOZmulti Service



312993

PSSu A USB-CAB05



773011V

User Upgr Licence for PNOZmulti Service

312992

PSSu A USB-CAB03



773010U

Basic Upgr Licence for PNOZmulti Config



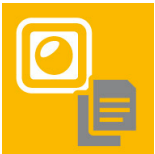
773010B

Basic Licence for PNOZmulti Config.



773011B

Basic Licence for PNOZmulti Service



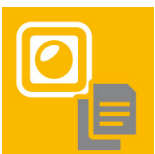
773011K

User Licence for PNOZmulti Service



773011L

Lite Licence for PNOZmulti Service



773010K

User Licence for PNOZmulti Config



THE SPIRIT OF SAFETY

773011G

Project Licence for PNOZmulti Service

773010G

Project Licence for PNOZmulti Config
