

PNOZ mm0p-T

772010



Configurable safe compact controllers PNOZmulti Mini, base unit, not expandable, for expanded ambient conditions, 20 safe digital inputs, 4 safe semiconductor outputs, no display.

Technical details

General data

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

Technical data

Electrical data

Purpose of U1: System supply

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 35 W

Purpose of U2: Supply of SC outputs

Supply voltage 2 (V): 24 - 24 V

Type of supply voltage U2: DC

Potential isolation U2: Yes

Configurable inputs/outputs

Number of configurable I/Os: 8

Potential isolation of IO: No

Galv. isol. config. I/O: No

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: Yes

Voltage at 1 n/safe S/C O: UB - 2 V at 0.1 A

Inputs	
Signal level at input at 0:	-3 - +5 VDC
U input to EN 61131-2 Type 1:	24 V DC
Potential isolation input:	No
Semiconductor outputs	
Number of semicond. outputs:	4
Potential isolation of S/C O:	Yes
S/C output short circuit proof:	Yes
Test clock outputs	
Number of test pulse outputs:	4
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	-25 - +25 °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?:	at prot. xtra low volt.: brief
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61131-2
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Acc. shock to standard2:	25g
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Potential separation	
Potential isolation 1 between:	SC output and system voltage
Type of potential isolation 1:	Basic insulation

Mechanical data	
Mounting position:	horizontal on top hat rail
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:	Spring-loaded terminal, Screw terminal
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	100 mm
Width dimension:	45 mm
Depth dimension:	120 mm
Net weight:	230 g
Gross weight:	245 g
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85371091
UNSPSC 25:	39122331
EAN-Code:	4046548057621
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242207
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC000236
Volume:	0.634

Obligatory accessories



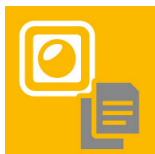
779211

Chipcard 1 piece 32kB



779201

PNOZmulti Chipcard 1 piece 8kb



773010L

Lite Licence for PNOZmulti Config.



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



750020

PNOZ s connector (10 pieces)



779261

PNOZ mm0.xp terminator left (10 pcs.)



779240

PNOZmulti Chipcard Holder (Sparepart)

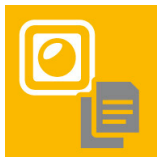


773010V

User Upgr Licence for PNOZmulti Config

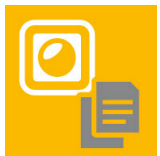
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Project Upgr Licence f. PNOZmulti Config



773010U

Basic Upgr Licence for PNOZmulti Config



773010B

Basic Licence for PNOZmulti Config.

773010G

Project Licence for PNOZmulti Config



750010

PNOZ s terminator plug (10 pieces)



779212

PNOZmulti Chipcard Set 10 pieces 32kB



779250

PNOZmulti Seal 12 pieces



779230

PNOZ Chip Card Reader

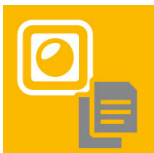
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Project Upgr Licence for PNOZmulti Serv



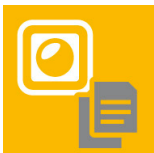
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PSSu A USB-CAB05



773011U

Basic Upgr Licence for PNOZmulti Service



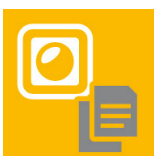
773011V

User Upgr Licence for PNOZmulti Service



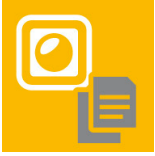
312992

PSSu A USB-CAB03



773011B

Basic Licence for PNOZmulti Service



773011K

User Licence for PNOZmulti Service



773011L

Lite Licence for PNOZmulti Service

773011G

Project Licence for PNOZmulti Service