

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
	773010S	Time lim Licence 2Mth for PNOZmulti Conf
	773010Q	Time lim Licence 4Mth for PNOZmulti Conf



779200

PNOZmulti Chipcard Set 10 piece 8KB



750020

PNOZ s connector (10 pieces)



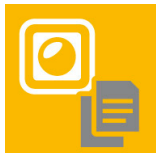
779261

PNOZ mm0.xp terminator left (10 pcs.)



779240

PNOZmulti Chipcard Holder (Sparepart)

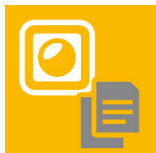


773010V

User Upgr Licence for PNOZmulti Config

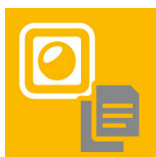
773010W

Project Upgr Licence f. PNOZmulti Config



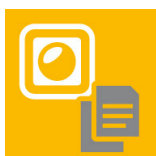
773010U

Basic Upgr Licence for PNOZmulti Config



773010B

Basic Licence for PNOZmulti Config.



773010K

User 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



773011W

Project Upgr Licence for PNOZmulti Serv

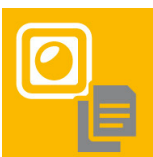
312993

PSSu A USB-CAB05



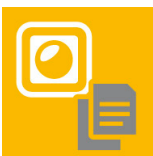
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Basic Upgr Licence for PNOZmulti Service



773011V

User Upgr Licence for PNOZmulti Service





312992

PSSu A USB-CAB03



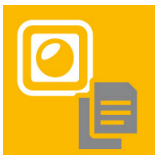
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Basic Licence for PNOZmulti Service



773011K

User Licence for PNOZmulti Service



773011L

Lite Licence for PNOZmulti Service

773011G

Project Licence for PNOZmulti Service