

## PNOZ m B0

772100



Configurable safe small controllers PNOZmulti 2, base unit, expandable, 20 safe digital inputs, 4 safe semiconductor outputs.

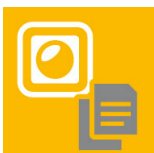
## Technical details

General data	
Approval:	CE, UKCA, cULus Listed, KOSHA, TÜV, EAC (Eurasian)
Application range:	Failsafe
Technical data	
Electrical data	
Purpose of U1:	System supply
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Purpose of U2:	Supply of SC outputs
Supply voltage 2 (V):	24 - 24 V
Type of supply voltage U2:	DC
Potential isolation U2:	Yes
Permitted loads:	Resistive, Inductive, Capacitive
Configurable inputs/outputs	
Number of configurable I/Os:	8
Potential isolation of IO:	No
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	
U input to EN 61131-2 Type 1:	24 V DC

Potential isolation input:	No
Semiconductor outputs	
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:	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
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
Terminal style:	plug-in
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	101.4 mm
Width dimension:	45 mm
Depth dimension:	120 mm
Net weight:	235 g
Gross weight:	250 g
<b>Environment</b>	
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 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

## 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

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



312993

PSSu A USB-CAB05



773011U

Basic Upgr Licence for PNOZmulti Service



312992

PSSu A USB-CAB03



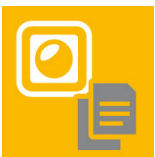
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Basic Upgr Licence for PNOZmulti Config



779260

PNOZ mm0.xp connector left (10 pcs)



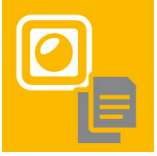
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User Upgr Licence for PNOZmulti Service



773011B

Basic Licence for PNOZmulti Service



773011K

User Licence for PNOZmulti Service



773010K

User Licence for PNOZmulti Config