

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
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

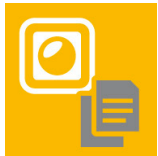
Inputs

Number of digital inputs:	12
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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
Overtoltage 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
Gross weight:	250

Obligatory accessories



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779211

Chipcard 1 piece 32kB



779201

PNOZmulti Chipcard 1 piece 8kb



751008










PNOZ s Set1spring loaded terminals 45mm



750008

PNOZ s Set1screw terminals 45mm

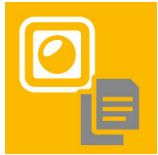
Optional accessories

	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



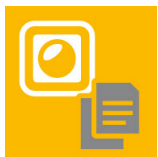
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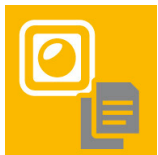
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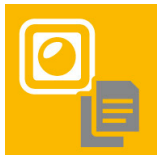
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