

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
Device circuit breaker U1:	6 A, automatic, Char.B
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
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
ETIM Reference Feature:	EC000236

Obligatory accessories

773010B	Basic Licence for PNOZmulti Config.
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779211	Chipcard 1 piece 32kB
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779201	PNOZmulti Chipcard 1 piece 8kb
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751008	PNOZ s Set1spring loaded terminals 45mm
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750008	PNOZ s Set1screw terminals 45mm
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Optional accessories

773010R	Time lim Licence 3Mth for PNOZmulti Conf
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773010S	Time lim Licence 2Mth for PNOZmulti Conf
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773010Q	Time lim Licence 4Mth for PNOZmulti Conf
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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

773011W Project Upgr Licence for PNOZmulti Serv

773010W Project Upgr Licence f. PNOZmulti Config

312993 PSSu A USB-CAB05

773011U Basic Upgr Licence for PNOZmulti Service

312992 PSSu A USB-CAB03

773010U Basic Upgr Licence for PNOZmulti Config

779260 PNOZ mm0.xp connector left (10 pcs)

773011V User Upgr Licence for PNOZmulti Service

773011B Basic Licence for PNOZmulti Service

773011K User Licence for PNOZmulti Service

773010K User Licence for PNOZmulti Config

773011G Project Licence for PNOZmulti Service

773010G

Project Licence for PNOZmulti Config
