



Configurable safe compact controllers PNOZmulti Mini, base unit, expandable, 20 safe digital inputs, 4 safe semiconductor outputs.

Technical details






General data	
Approval:	CE, UKCA, cULus Listed, KCC, KOSHA, EAC (Eurasian), TÜV
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
Configurable inputs/outputs	
Number of configurable I/Os:	8
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:	0 - 60 °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?:	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:	Screw terminal, Spring-loaded terminal
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	100 mm
Width dimension:	45 mm
Depth dimension:	120 mm
Net weight:	231 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, 6a
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85371091
UNSPSC 25:	39122331
EAN-Code:	4046548064407
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242207
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024

ETIM Reference Feature:	EC000236
Volume:	0.634 dm3

Obligatory accessories

	779211	Chipcard 1 piece 32kB
	773010L	Lite Licence for PNOZmulti Config.
	779201	PNOZmulti Chipcard 1 piece 8kb
	751008	PNOZ s Set1 spring loaded terminals 45mm
	750008	PNOZ s Set1 screw terminals 45mm

Optional accessories

	750010	PNOZ s terminator plug (10 pieces)
	750020	PNOZ s connector (10 pieces)

779261

PNOZ mm0.xp terminator left (10 pcs.)



779250

PNOZmulti Seal 12 pieces



779240

PNOZmulti Chipcard Holder (Sparepart)



779230

PNOZ Chip Card Reader



773010V

User Upgr Licence for PNOZmulti Config



773011U

Basic Upgr Licence for PNOZmulti Service



312993

PSSu A USB-CAB05



773010U

Basic Upgr Licence for PNOZmulti Config



312992

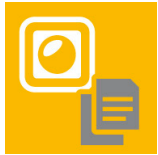
PSSu A USB-CAB03





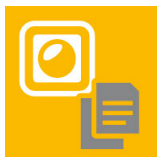
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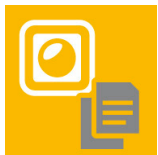
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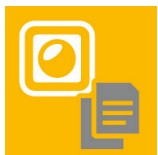
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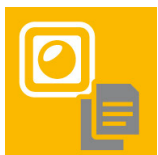
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