

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	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85371091
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242207
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC000236

### Obligatory accessories

779211 Chipcard 1 piece 32kB

773010L Lite Licence for PNOZmulti Config.

779201	PNOZmulti Chipcard 1 piece 8kb
--------	--------------------------------

---

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
---------	--

---

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
---------	--

---

773011W	Project Upgr Licence for PNOZmulti Serv
---------	---

---

773010W	Project Upgr Licence f. 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
--------	------------------

---

773011V	User Upgr Licence for PNOZmulti Service
---------	---

---

773010B	Basic Licence for PNOZmulti Config.
---------	-------------------------------------

---

773011B	Basic Licence for PNOZmulti Service
---------	-------------------------------------

---

773011K	User Licence for PNOZmulti Service
---------	------------------------------------

---

773010K	User Licence for PNOZmulti Config
---------	-----------------------------------

---

773011L	Lite Licence for PNOZmulti Service
---------	------------------------------------

---

773011G	Project Licence for PNOZmulti Service
---------	---------------------------------------

---

773010G

Project Licence for PNOZmulti Config

---