PILZ
THE SPIRIT OF SAFETY

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
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
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
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 classifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85371091
UNSPSC 25:	39122331
EAN-Code:	4046548059137
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242207
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC000236

Volume:	0.648 dm3

Obligatory accessories



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
	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

