PILZ
THE SPIRIT OF SAFETY

PNOZ m B0.1 772104



Configurable safe small controllers PNOZmulti 2, base unit, expandable with digital input/output modules, 20 safe inputs, 4 safe semiconductor outputs.

Technical details

General data	
Approval:	CE, UKCA, cULus Listed, KOSHA, EAC (Eurasian), TÜV
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
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:	220 g
Gross weight:	230 g
Environment	
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85371091
EAN-Code:	4046548103632
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242207
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC000236
Volume:	0 dm3

Obligatory accessories



773010B Basic Licence for PNOZmulti Config.



779211 Chipcard 1 piece 32kB

	779201	PNOZmulti Chipcard 1 piece 8kb
	751008	PNOZ s Set1spring loaded terminals 45mm
	750008	PNOZ s Set1screw terminals 45mm