

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: | Fail-safe |
| Technical data | |
| Electrical data | |
| Purpose of U1: | Versorgung des Systems |
| Supply voltage (V): | 24 - 24 V |
| Type of supply voltage U1: | DC |
| Purpose of U2: | Versorgung der HL-Ausgänge |
| Supply voltage 2 (V): | 24 |
| Type of supply voltage U2: | DC |
| Tolerance of U2: | -20 %/+25 % |
| Potential isolation U2: | ja |
| Permitted loads: | ohmsch, induktiv, kapazitiv |
| Configurable inputs/outputs | |
| Number of configurable I/Os: | 8 |
| Potential isolation of IO: | nein |
| Short circ. prot. n/safe S/C O: | Ja |
| Voltage at 1 n/safe S/C O: | UB - 2 V bei 0,1 A |
| Inputs | |

| | |
|---------------------------------|------------------------------|
| Number of digital inputs: | 12 |
| U input to EN 61131-2 Type 1: | 24 V DC |
| Potential isolation input: | nein |
| Semiconductor outputs | |
| Potential isolation of S/C O: | ja |
| S/C output short circuit proof: | ja |
| 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 |
| Protection type, mounting: | IP54 |
| Protection type, housing: | P_SCHUTZ_GEHAEU_IP20 |
| Terminal protection type: | IP20 |
| Potential separation | |
| Potential isolation 1 between: | SC output and system voltage |
| Type of potential isolation 1: | Basisisolierung |
| Mechanical data | |

| | |
|---------------------------------|---------------------------------|
| Mounting position: | waager. auf Hutschiene |
| 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: | Federkraftklemme, Schraubklemme |
| Terminal style: | steckbar |
| 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.



779211

Chipcard 1 piece 32kB



779201

PNOZmulti Chipcard 1 piece 8kb



751008

PNOZ s Set1 spring loaded terminals 45mm



750008

PNOZ s Set1 screw terminals 45mm

Optional accessories

773010S

Time lim Licence 2Mth for PNOZmulti Conf

773010Q

Time lim Licence 4Mth for PNOZmulti Conf



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

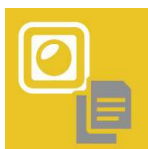
773010W

Project Upgr Licence f. PNOZmulti Config



312993

PSSu A USB-CAB05



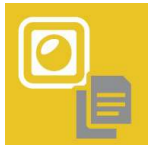
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Basic Upgr Licence for PNOZmulti Service



312992

PSSu A USB-CAB03



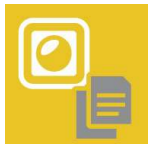
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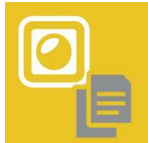
779260

PNOZ mm0.xp connector left (10 pcs)



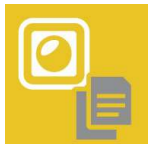
773011V

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