

PNOZ mm0p 24VDC

772000



Configurable safe compact controllers PNOZmulti Mini base unit, not expandable, 20 safe digital inputs, 4 safe semiconductor outputs.






Technical details

| General data | |
|---------------------------------|---|
| Approval: | CCC, CE, BG, cULus Listed, KCC, TÜV, EAC (Eurasian) |
| 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 |

| | |
|---------------------------------|------------------------------|
| 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 |

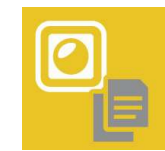
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|-------------------------------|--|
| Housing material front plate: | PC |
| Housing material upper part: | PC |
| Connection terminal: | Screw terminal, Spring-loaded terminal |
| Flex. cond. c/s AWG info: | 24 - 12 AWG |
| Height dimension: | 100 mm |
| Width dimension: | 45 mm |
| Depth dimension: | 120 mm |
| Net weight: | 226 g |
| Gross weight: | 244 g |

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

| | | |
|---|---------|--|
| | 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 |
|  | 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 |



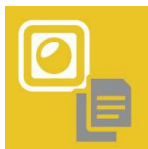
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Basic Upgr Licence for PNOZmulti Service



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PSSu A USB-CAB05



773011V

User Upgr Licence for PNOZmulti Service



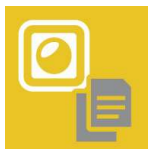
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Basic Upgr Licence for PNOZmulti Config



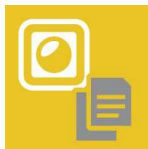
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PSSu A USB-CAB03



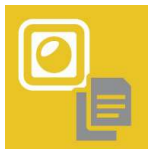
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Basic Licence for PNOZmulti Config.



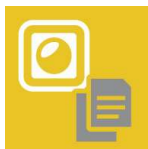
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Basic Licence for PNOZmulti Service



773011K

User Licence for PNOZmulti Service



773010K

User Licence for PNOZmulti Config



THE SPIRIT OF SAFETY

773011G

Project Licence for PNOZmulti Service
