## > Millenium Evo expansion XRP10 <br> Digital expansion 10 I/O

> Digital Expansion - 6 DI-4 DO
> Can be used twice to reach 44 I/Os configuration
) Power supply by the controller


| General characteristics |  |
| :---: | :---: |
| Part number | 88975201 |
| Products certification | CE, cULus Listed |
| Conformity with the low voltage directive (in accordance with 2014/35/EU) | IEC/EN 61131-2 (Open equipment) |
| Conformity with the EMC directive (in accordance with 2014/30/EU) | IEC/EN 61000-6-1 <br> (Residential, commercial and light-industrial environments) <br> IEC/EN 61000-6-2 (Industrial) <br> IEC/EN 61000-6-3 <br> (Residential, commercial and light-industrial environments) <br> IEC/EN 61000-6-4 (Industrial) |
| Earthing | None |
| Overvoltage category | 3 in accordance with IEC/EN 60664-1 |
| Pollution | Degree: 2 in accordance with IEC/EN 61131-2 |
| Maximum utilization altitude | Operation: 2000 m Transport: 3000 m |
| Mechanical resistance | Immunity to vibrations IEC/EN 60068-2-6, Fc test Immunity to shock IEC/EN 60068-2-27, Ea test |
| Resistance to electrostatic discharge | Immunity to ESD IEC/EN 61000-4-2, level 3 |
| Resistance to HF interference (Immunity) | Immunity to radiated electrostatic fields IEC/EN 61000-4-3, level 3 Immunity to fast transients (burst immunity) IEC/EN 61000-4-4, level 3 Immunity to shock waves IEC/EN 61000-4-5 <br> Radio frequency in common mode IEC/EN 61000-4-6, level 3 |
| Conducted and radiated emissions (in accordance with EN 55022/11 group 1) | Class B |
| Operation temperature | $20^{\circ} \mathrm{C}\left(-4{ }^{\circ} \mathrm{F}\right) \rightarrow+60^{\circ} \mathrm{C}\left(140^{\circ} \mathrm{F}\right)\left(+40^{\circ} \mathrm{C}\left(104^{\circ} \mathrm{F}\right)\right.$ in a non-ventilated enclosure) <br> UL: maximum surrounding air: $+50^{\circ} \mathrm{C}\left(122^{\circ} \mathrm{F}\right)$ |
| Storage temperature | $40^{\circ} \mathrm{C}\left(-40^{\circ} \mathrm{F}\right) \rightarrow+80^{\circ} \mathrm{C}\left(176{ }^{\circ} \mathrm{F}\right)$ |
| Relative humidity | $95 \%$ max. (no condensation or dripping water) |
| Screw terminals connection capacity | Flexible wire with ferrule: 1 conductor: 0.2 to $2.5 \mathrm{~mm}^{2}$, AWG 24-14 <br> Flexible wire with ferrule: 2 conductors: 0.2 to $0.75 \mathrm{~mm}^{2}$, AWG 24-18 <br> Rigid wire: 1 conductor: 0.2 to $2.5 \mathrm{~mm}^{2}$, AWG 24-14 <br> Rigid wire: 2 conductors: 0.2 to $0.75 \mathrm{~mm}^{2}$, AWG 24-18 <br> Tightening torque: $0.5 \mathrm{~N} . \mathrm{m}(4.5 \mathrm{lb}-\mathrm{in})$ <br> (tighten using screwdriver diam. 3.5 mm ) <br> Stripping length: 6 mm |
| Material | Lexan, UL94V0, Halogen free 1272/2008/CE |
| On front panel color | Grey RAL 7035 |
| On sole color | Black RAL 9011 |




## Warning:

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