

Data sheet

samosPRO SP-SDIO84-P1-K-C (R119000400)

Technical data

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|---|--|
| Order no. | R119000400 |
| Type | samosPRO SP-SDIO84-P1-K-C |
| General information | |
| Note | - |
| Features | samosPRO IO-module with 8 input/4 solid state output Spring clamp terminal pluggable |
| Safety | |
| Safety requirements | SIL CL 3, PL e, Kat 4 |
| Implementation of the electrical connection | - |
| Power supply (rated value) | DC 24 V |
| Power supply (permitted range) | DC 16.8...30 V |
| Power loss | 4.5 W |
| Control circuit | |
| Number of inputs | 8 |
| Input voltage for signal "1" | DC 13...30 V |
| Input voltage for signal "0" | DC -5...5 V |
| Input current for signal "1" | 8 mA |
| Input current for signal "0" | 2.1 mA |
| Signal logic input | Sinking input |
| Output circuit | |
| Number of outputs | 4 |
| Output current at signal "1", rated value | 2 A |
| Type of output | - |
| Short-circuit protection | yes, electronic |
| Sum-current outputs TU <= 45°C | 4 A |
| Sum-current outputs TU <= 55°C | 3.2 A |
| Certifications | |
| UL certification | yes |
| Housing | |
| Material | PC |
| Mounting | Profile rail 35 mm |
| Mechanical data | |
| Dimensions (WxHxD) | 22.5 mm x 96.5 mm x 121 mm |
| Net weight | 164 g |
| Weight including accessories | - |
| Gross weight | - |
| Environmental conditions | |
| Operating temperature | -25 °C to 55 °C |
| Storage temperature | -25 °C to 70 °C |

Certifications

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|------------------|-----|
| UL certification | yes |
| KC certification | - |