

**Data sheet**

samosPRO SP-SDIO84-P1-K-A (R119000300)

**Technical data**

<b>Order no.</b>	<b>R119000300</b>
Type	samosPRO SP-SDIO84-P1-K-A
<b>General information</b>	
Note	-
Features	samosPRO IO-module with 8 input/4 solid state output Screw terminals pluggable
<b>Safety</b>	
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
<b>Control circuit</b>	
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
<b>Output circuit</b>	
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
<b>Certifications</b>	
UL certification	yes
<b>Housing</b>	
Material	PC
Mounting	Profile rail 35 mm
<b>Mechanical data</b>	
Dimensions (WxHxD)	22.5 mm x 96.5 mm x 121 mm
Net weight	164 g
Weight including accessories	-
Gross weight	-
<b>Environmental conditions</b>	
Operating temperature	-25 °C to 55 °C
Storage temperature	-25 °C to 70 °C

**Certifications**

UL certification	yes
KC certification	-