

Data sheet

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

Technical data

Order no.	R119000300
Type	samosPRO SP-SDIO84-P1-K-A
General information	
Note	-
Features	samosPRO IO-module with 8 input/4 solid state output Screw terminals 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

UL certification	yes
KC certification	-