

## Data sheet

Commercial Art.No.: R1.190.0040.0

PLC digital I/O-module SP-SDIO84-P1-K-C DC 24V

samosPRO, IO-module with 8 input/4 solid state output, push-in terminals pluggable



Commercial Art.No.	R1.190.0040.0
EAN	4046521309624
Order Unit	1

Certificates / Approvals



## Technical data

### General

SIL according to IEC 61508	3
In-/outputs configurable	Yes

### Connection Data

Type of electric connection	Spring clamp connection
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### Output circuit

Number of outputs	4
Output current	2 A
Short-circuit protection, outputs	Yes
Type of digital output	Transistor
Min. allowed output voltage	16.8 V
Max. allowed output voltage	30 V

### Other

Suited for safety functions	Yes
Type of supply voltage	DC
Type of voltage (input voltage)	

### Control circuit

Number of inputs	8
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Input current (at state "1")	8 mA
Permitted voltage at input	30 V

**Supply circuit**

Min. supply voltage at DC	16.8 V
Max. supply voltage at DC	30 V

**Dimensions**

Depth	121 mm
Width	22.5 mm
Height	96.5 mm

**Classification**

ECLASS 8.1	27242204
ETIM 7.0	EC001419
ETIM 6.0	EC001419
ETIM 5.0	EC001419
ETIM 4.0	EC001419
ETIM 3.0	EC001419

**Safety parameters**

Category (ISO 13849-1)	4
PL (ISO 13849-1)	Level e
SIL <sub>CL</sub> (IEC 62061)	3
HFT	1
T <sub>M</sub>	20 a
Note	More safety characteristics can be found in the manual.