SIEMENS

Data sheet for I/O extension module

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Figure similar

Client order no. :
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Inputs / outputs

Digital inputs	
Number of digital inputs [1]	2
Conductor cross-section	0.50 ... 1.50 mm² (AWG 21 ... AWG 16) Alternatively 2 x 0.5 mm²
Input voltage (0→1)	11 V
Input voltage (1→0)	5 V
Input voltage, max.	30 V
Digital outputs	
Number of digital outputs	4
Conductor cross-section	1.50 mm² (AWG 16)
Output current [2]	2 A
Analog inputs	
Number of analog inputs [3]	2
Conductor cross-section	0.50 ... 1.50 mm² (AWG 21 ... AWG 16) alternatively 2*0.5 mm²
Current	0 ... 20 mA
Analog outputs	
Number of analog outputs	2
Type of analog outputs [4]	Non-isolated output
Conductor cross-section	0.50 ... 1.50 mm² (AWG 21 ... AWG 16) Alternatively 2 x 0.5 mm²
Output voltage	0 ... 10 V
Output current	0 ... 20 mA

Mechanical data

Dimensions	
Width	71 mm (2.80 in)
Height	117 mm (4.61 in)
Depth	27 mm (1.06 in)

[1] DI 6: digital input; DI 7: P or M switch; DI COM: Input for Control Unit interface (24 V out, max. 250 mA)

[2] The max. current depends on the temperature and the size of the connected converted. It varies between 2 A and 3 A at 30 V DC.

[3] 2 analog inputs for the connection of Pt1000/Ni1000 temperature sensors. One of which can be optionally used as analog input.

[4] Switchable between voltage (0 ... 10 V) and current (0 ... 20 mA) using a parameter