SIEMENS

Data sheet for terminal module

Article No. : 6SL3055-0AA00-3AA1



Figure similar

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

General technical specifications	
Power requirement (DC 24 V)	0.50 A
Power requirement for protection, max. [1]	20 A
Power supply voltage	24 V
Conductor cross-section, on the line side	2.5 mm² (AWG 14)
PE conductor version	M4 screw
Power loss, max.	10.0 W

Digital inputs	
Number of digital inputs	8
Voltage	-3 ... 30 V
Voltage at low signal level	-3 ... 5 V
Voltage at high signal level	15 ... 30 V
Current consumption at 24 V DC	9.0 mA
Delay times, approx.	
L --> H	50 µs
H --> L	100 µs
Connection cross-section, max.	1.5 mm² (AWG 16)

Digital inputs/outputs	
Number of digital inputs/outputs	4
Number of digital inputs/outputs parameterizable	4
Connection cross-section, max.	1.5 mm² (AWG 16)
As input	
Voltage	-3 ... 30 V
Voltage at low signal level	-3 ... 5 V
Voltage at high signal level	15 ... 30 V
Current consumption at 24 V DC	9 mA
Delay times, approx.	
L --> H	50 µs
H --> L	100 µs
As output	
Short-circuit protection available	Yes
Voltage	24 V
Current carrying capacity	100 mA
Delay time [4]	
Standard	150 µs
Maximum	500 µs

Analog inputs	
Number of analog inputs [5]	2
As voltage input	
Input voltage	-10 ... 10 V
Digital resolution	11 bit + sign
Input resistance	100 kOhm
As input current	
Input current	-20 ... 20 mA
Digital resolution	10 bit + sign
Input resistance	250 Ohm

Analog outputs	
Number of analog outputs [6]	2
Short-circuit protection available	Yes
Output voltage	-10 ... 10 V
Current carrying capacity	-3 ... 3 mA
Output current	-20 ... 20 mA
Burden [7]	500 Ohm
A/D resolution	11 bit + sign
Connection cross-section, max.	1.5 mm² (AWG 16)

Relay outputs	
Number of relay outputs	2
Type of relay output	Changeover contact (CO)
Ampacity with AC	8 A
Ampacity with DC	8 A
Output voltage with AC	250 V
Output voltage with DC	30 V
Switching capacity with AC, max.	2,000 VA
Switching capacity with DC	240 W
Min. switch current required	100 mA
Connection cross-section, max.	2.5 mm² (AWG 14)
Number of DRIVE-CLiQ interfaces	2

Sensor inputs	
Number of sensor inputs [9]	1

Mechanical data	
Net weight	0.49 kg (1.08 lb)
Dimensions	
Width	50 mm (1.97 in)
Height	150 mm (5.91 in)
Depth	111 mm (4.37 in)

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Standards	Compliance with standards	cULus

[1] Without DC 24 V, without taking into account digital outputs and DRIVE-CLiQ supply
[4] The delay times indicated refer to the hardware. The actual response time depends on the time slice during which the digital input / output is processed.
[5] The analog input can be switched between current and voltage input; voltage ranges as current input: -20/0/4 --- 20 mA
[6] Voltage ranges: -20/0/4 ... 20 mA
[7] in the range -20 ... +20 mA
[9] 1 temperature sensor input for KTY84-130, Pt1000 or PTC (PT1000 can be used from firmware V4.7 HF17)