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Data sheet for terminal module

Article No. : **6SL3055-0AA00-3PA1**



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.	12.0 W

Digital inputs	
Number of digital inputs	4
Number of digital inputs potential-free	4
Number of digital inputs not potential-free	4
Version	Plug-in screw terminals
Voltage	-30 ... 30 V
Voltage at low signal level	-30 ... 5 V
Voltage at high signal level	15 ... 30 V
Current consumption at 24 V DC	9.0 mA
Delay times, approx.	
L --> H	3 µs
H --> L	3 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
Version	Plug-in screw terminals
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	3 µs
H --> L	3 µs
As output	
Short-circuit protection available	Yes
Voltage	24 V
Current carrying capacity	500 mA
Delay time [4]	
L --> H, typical	50 µs
L --> H, maximum	100 µs
H --> L, typical	75 µs
H --> L, maximum	150 µs

Analog inputs	
Number of analog inputs	1
As voltage input	
Input voltage	-10 ... 10 V
Digital resolution	12 bit + sign
Input resistance	100 kOhm

Relay outputs	
Number of DRIVE-CLiQ interfaces	2

Encoder inputs	
Level	TTL (RS422), A+, A-, B+, B-, zero track N+, N-
Limit frequency	512 kHz
Transmission ratio	Any number of ratio/reduction ratio of pulses

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Mechanical data	
Net weight	0.32 kg (0.71 lb)
Dimensions	
Width	30 mm (1.18 in)
Height	151 mm (5.94 in)
Depth	110 mm (4.33 in)

Standards	
Compliance with standards	cULus

[1] (X524 at 24 V DC) without DRIVE-CLiQ supply or digital outputs (X514)
[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.