



Figure similar

MLFB-Ordering data

6SL3040-1MA00-0AA0

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

Inputs / outputs

Digital inputs

Number ¹⁾	12
Voltage	-3 ... +30 V
Low level	-3 ... +5 V
High level	15 ... 30 V
Power consumption at 24 V DC, typ.	9 mA
Delay time L→H, typ.	50 μs
Delay time H→L, typ.	100 μs

Digital I/O

Number of potential-free inputs	12
Number of bidirectional, not potential-free inputs	8
As input	
Voltage	-3 ... +30 V
Low level	-3 ... +30 V
High level	15 ... 30 V
Power consumption at 24 V DC, typ.	9 mA
Delay time L→H	5 μs
Delay time H→L	50 μs
As output	
Voltage	DC 24 V
Load current per digital output, max.	500 mA
Delay time L→H, typ./ max.	150 μs / 400 μs
Delay time H→L, typ./ max.	75 μs / 100 μs

1) 12 isolated digital inputs; 8 bidirectional digital inputs/outputs



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Electrical data

Electronics power supply	DC 24 V -15 % +20 %
Max. power consumption	1.00 A
Power loss, max. ³⁾	24 W

Mechanical data

Dimensions

Width	50 mm (1.97 in)
Height	300 mm (11.81 in)
Depth	226 mm (8.90 in)
Net weight	2.30 kg (5.07 lb)

Ambient conditions

Installation altitude	2000 m (6561.68 ft)
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Ambient temperature during

Operation	0 ... 55 °C (32 ... 131 °F)
Storage	-25 ... 70 °C (-13 ... 158 °F)
Transport	-40 ... 70 °C (-40 ... 158 °F)

Relative humidity

Transport, max.	95 % at 40 °C (104 °F)
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Connections

PE connection	M5 screw
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Communication

Communication	Profibus DP
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Standards

Compliance with standards	cULus
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3) With DC 24 V, without taking into account digital outputs. Option slot extension and DRIVE-CLiQ supply