



Figure similar

MLFB-Ordering data                      6SL3040-1MA01-0AA0

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

### Inputs / outputs

#### Digital inputs

Number of potential-free inputs	12
Voltage	-3 ... +30 V
Low level	-3 ... +5 V
High level	15 ... 30 V
Power consumption at 24 V DC, typ.	3.5 mA
Delay time L→H, typ.	50 μs
Delay time H→L, typ.	150 μs

#### Digital I/O

Number of bidirectional, not potential-free inputs	8
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#### As input

Voltage	-3 ... +30 V
Low level	-3 ... +5 V
High level	15 ... 30 V
Power consumption at 24 V DC, typ.	3.5 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



Figure similar

MLFB-Ordering data

6SL3040-1MA01-0AA0

### Electrical data

Electronics power supply DC 24 V (20.4 ... 28.8 V)

Max. power consumption<sup>2)</sup> 1.00 A

Power loss, max. 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 2.20 kg (4.85 lb)

### Ambient conditions

Installation altitude 2000 m (6561.68 ft)

#### Ambient temperature during

Operation 0 ... 55 °C (32 ... 131 °F)

Storage -25 ... 55 °C (-13 ... 131 °F)

Transport -40 ... 70 °C (-40 ... 158 °F)

#### Relative humidity

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

### Connections

PE connection 1 (M5 screw)

DRIVE-CLiQ 4

PROFINET 2

PROFIBUS --

RS232 1

Ethernet 1

Temperature sensor --

24 V 1

Measuring sockets 3

#### Number of slots

Flash card 1

for option modules 1

### Communication

Communication PROFINET, EtherNet/IP

### Standards

Compliance with standards CE, KC, cULus, EAC, C-Tick (RCM)

<sup>2)</sup> without taking into account digital outputs. Option slot extension and DRIVE-CLiQ supply