



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

#### 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 %<br>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