

Article No. : 6SL3040-0PA01-0AA0



Figure similar

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

Item no. :  
Consignment no. :  
Project :

| Electrical data                                 |                                                                                 |
|-------------------------------------------------|---------------------------------------------------------------------------------|
| Consumed current at 24 V DC, max. <sup>1)</sup> | 0.65 A                                                                          |
| Conductor cross-section, max.                   | 2.5 mm² (AWG 14)                                                                |
| Power loss, max.                                | 2.6 W                                                                           |
| PE connection                                   | M4 screw                                                                        |
| On-board encoder interface                      |                                                                                 |
| Encoder evaluation                              | optional incremental encoder TTL/HTL or encoder SSI without incremental signals |
| Input current                                   |                                                                                 |
| TTL encoder                                     | 2 ... 10 mA                                                                     |
| HTL encoder                                     | 2 ... 10 mA                                                                     |
| max. load current at 24 V encoder supply        | 0.35 A                                                                          |
| max. load current at 5 V encoder supply         | 0.35 A                                                                          |
| Encoder frequency, max.                         | 500 Hz                                                                          |
| SSI baudrate                                    | 100 ... 250 kBaud                                                               |
| SSI absolute position resolution                | 30 bit                                                                          |
| Cable length, max.                              |                                                                                 |
| TTL encoder <sup>2)</sup>                       | 100 m (328.08 ft)                                                               |
| HTL encoder unipolar signal                     | 100 m (328.08 ft)                                                               |
| HTL encoder bipolar signal                      | 300 m (984.25 ft)                                                               |
| SSI encoder                                     | 100 m (328.08 ft)                                                               |
| Mechanical data                                 |                                                                                 |
| Net weight                                      | 0.32 kg (0.71 lb)                                                               |
| Dimensions                                      |                                                                                 |
| Width                                           | 73 mm (2.87 in)                                                                 |
| Height                                          | 165.8 mm (6.53 in)                                                              |
| Depth                                           | 37.3 mm (1.47 in)                                                               |
| Standards                                       |                                                                                 |
| Certificate of suitability                      | cULus                                                                           |

<sup>1)</sup>At 24 V DC, without DRIVE-CLiQ or encoder supply; 0.15 A for CU32 + max. 0.5 A for power module PM240-2  
<sup>2)</sup>TTL only bipolar signals; for bipolar signals, the signal lines must be twisted in pairs and shielded