

Article No. : 6SL3055-0AA00-5HA3



Figure similar

Client order no. :  
Order no. :  
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Remarks :

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### Electrical data

#### Encoders which can be evaluated

Encoder frequency, max.	500 kHz
SSI baudrate	100 kBaud
Signal subdivision (interpolation), max.	16384 times 14 bit

### Connections

#### Conductor cross-section

Line side	According to connector contacts
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#### Version

Onboard position encoder interface	Absolute encoder EnDat2.1; SSI absolute encoder with incremental signals sin/cos 1 Vpp
Measuring system	17-pin M23 circular connector
Output	IP67 DRIVE-CLiQ connector
PE conductor	M4 screw/1.8 Nm

### Mechanical data

#### Dimensions

Width	58.0 mm (2.28 in)
Height	44.0 mm (1.73 in)
Depth	112.0 mm (4.41 in)

Degree of protection IP67

Net weight 0.31 kg (0.68 lb)

### Rated data

#### Current drawn

Power requirement (DC 24 V) <sup>3)</sup>	0.11 A
Power requirement for fuse protection	Via DRIVE-CLiQ power supply source
Sensor supply for the onboard position encoder interface, at 5 V DC	0.35 A

### General technical specifications

Power loss, max. 4.0 W

#### Line length, max.

for measuring system <sup>5)</sup>	3 m (9.84 ft)
for drive control	100 m (328.08 ft)

### Standards

Compliance with standards cULus

<sup>3)</sup>without considering encoder

<sup>5)</sup>The maximum cable length for the encoder system interface depends on the current consumption of the encoder system and the cross-section of the wires in the cable. However, the maximum length is 10 m (32.8 ft).