



Figure similar

Article No. : 6SL5130-6UE22-4AD0

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

Item no. :  
Consignment no. :  
Project :

### Rated data

#### Input

Number of phases	3 AC
Line voltage	380 ... 480 V
Line frequency	47 ... 63 Hz
Short-circuit strength <sup>1)</sup>	100 kA
Rated current	42.8 A
Maximum current	128.3 A

#### DC link voltage<sup>2)</sup>

DC-link voltage	1.35 × line voltage
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#### DC link capacitance

of the Smart Line Module	940 µF
of the drive system, maximum	20,000 µF

#### Output

Rated voltage	380 V	400 V	480 V
Rated power	24.0 kW	25.3 kW	30.0 kW
Maximum power	72.0 kW	76.0 kW	91.0 kW
Rated current	49.0 A		
Maximum current	146.0 A		

#### Ampacity of the busbars

for electronics power supply at 24 V DC	20 A
for DC-link connection	200 A

### Electrical data

Electronics power supply	DC 24 V (-15 % / 20 %)
Max. power consumption	0.70 A

### General technical specifications

#### Line power factor

Fundamental power factor, minimal	.98
Total	0.65 ... 0.98
Sound pressure level	70 dB
Power loss <sup>3)</sup>	0.200 kW
Overvoltage category	IEC 61800-5-1:OVC III

### Ambient conditions

Ambient temperature in operation	-10 ... 55 °C (14 ... 131 °F)
Cooling air throughput	77.000 m <sup>3</sup> /s (0.755 ft <sup>3</sup> /s)
Installation altitude	1,000 m (3,281.00 ft)
Type of cooling <sup>4)</sup>	air cooling with integrated fan

RI suppression	Standard: No radio interference suppression; With line filter: Category C2b according to EN 61800-3 Total cable length up to 750 m (shielded)
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### Connections

#### Line side

Design	Plug connector with screw or push-in connection
Conductor cross-section	6.0 ... 16 mm <sup>2</sup> (AWG 10 ... AWG 6)
PE conductor	M5 screw/ power connector
Shield connecting kit	Cable shield connection plate integrated into the housing

#### Line length, max.

Shielded	1,000 m (3,281.00 ft)
Unshielded	1,200 m (3,937.00 ft)

### Mechanical data

Degree of protection	IP20
Type of construction	Booksize
Net weight	8.2 kg (18.08 lb)
<b>Dimensions</b>	
Width	100 mm (3.94 in)
Height	380 mm (14.96 in)
Depth	270 mm (10.63 in)

### Standards

Compliance with standards	CE, KC, cULus (UL 61800-5-1, CSA 22.2 No. 274), EAC, UKCA, RCM
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<sup>1)</sup>in conjunction with the recommended Class J fuse, or circuit breaker according to UL489 / CSA 22.2 No. 5-02

<sup>2)</sup>The DC link voltage is maintained at the mean value of the rectified line voltage.

<sup>3)</sup>Power loss of the Smart Line Module with rated power including losses of the 24 V DC electronics power supply

<sup>4)</sup>Power units with intensified air cooling thanks to integrated fan