



Figure similar

Article No. : 6SL5130-6UE21-6AC0

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 ¹⁾	100 kA
Rated current	28.5 A
Maximum current	62.4 A

DC link capacitance

of the Smart Line Module	820 µF
of the drive system, maximum	20,000 µF

Output

Rated voltage	380 V	400 V	480 V
Rated power	16.0 kW	16.8 kW	20.2 kW
Maximum power	35.0 kW	37.0 kW	44.0 kW
Rated current	33.0 A		
Maximum current	71.0 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	0.98
Total	0.65 ... 0.98

Sound pressure level	70 dB
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Power loss ³⁾	0.150 kW
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Oversvoltage category	IEC 61800-5-1:OVC III
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Ambient conditions

Ambient temperature in operation	-10 ... 55 °C (14 ... 131 °F)
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Cooling air throughput	77.000 m ³ /s (0.755 ft ³ /s)
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Installation altitude	1,000 m (3,281.00 ft)
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Type of cooling ⁴⁾	air cooling with integrated fan
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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 ² (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
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Type of construction	Booksize
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Net weight	8.2 kg (18.08 lb)
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Dimensions

Width	100 mm (3.94 in)
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Height	380 mm (14.96 in)
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Depth	270 mm (10.63 in)
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Standards

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

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

⁴⁾Power units with intensified air cooling thanks to integrated fan