

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

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

Item no. :
Consignment no. :
Project :

Figure similar



Rated data			
Input			
Number of phases	3 AC		
Line voltage	342 ... 528 V		
Line frequency	47 ... 63 Hz		
Short-circuit strength ¹⁾	100 kA		
Rated current	42.8 A		
Maximum current	128.3 A		
DC link voltage ²⁾			
DC-link voltage	495 ... 720V (typically 1.35 x line voltage)		
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	75.8 kW	91.0 kW
Rated current	48.6 A		
Maximum current	145.8 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 ... 0.90
Sound pressure level	70 dB
Power loss ³⁾	0.200 kW
Overvoltage category	Class III

Ambient conditions	
Ambient temperature in operation	-10 ... 40 °C (14 ... 104 °F)
Cooling air throughput	1.290 m³/s (45.556 ft³/s)
Installation altitude	1,000 m (3,280.84 ft)
Type of cooling ⁴⁾	Internal air cooling
RI suppression	Standard: No radio interference suppression; With line filter: Category C2b to EN 61800-3 Total cable length up to 750m (shielded)

Connections	
Line side	
Design	screw-type terminal (X1)
Conductor cross-section	6.0 ... 16 mm² (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 (3,280.84 ft)
Unshielded	1,200 m (3,937.01 ft)

Mechanical data	
Degree of protection	IP20 / UL open type
Type of construction	Booksize
Net weight	8.2 kg (18.04 lb)
Dimensions	
Width	100 mm (3.94 in)
Height	446 mm (17.56 in)
Depth	270 mm (10.63 in)

Standards	
Compliance with standards	CE, cULus

¹⁾in conjunction with the recommended Class J fuse, or circuit breaker according to UL489 / CSA 22.2 No. 5-02
²⁾The DC link voltage is maintained at the mean value of the rectified line voltage.
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