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No CAD-Data available for this configuration.

Data sheet for Basic Line Modules

Article No. : 6SL3330-1TG41-1AA3

Figure similar

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

Item no. :
Consignment no. :
Project :

Rated data	
Line voltage	3 AC 500 ... 690 V
Rated power	
for $I_{N\,DC}$ (50 Hz 690 V)	900 kW
for $I_{H\,DC}$ (50 Hz 690 V)	710 kW
for $I_{N\,DC}$ (50 Hz 500 V)	635 kW
for $I_{H\,DC}$ (50 Hz 500 V)	595 kW
for $I_{N\,DC}$ (60 Hz 575 V)	900 hp
for $I_{H\,DC}$ (60 Hz 575 V)	800 hp
DC-link current	
Rated current $I_{N\,DC}$	1,100 A
Base-load current I_H DC [1]	858 A
Maximum current $I_{max\,DC}$	1,650 A
Input current	
Rated current $I_{N\,E}$	925 A
Maximum current $I_{max\,E}$	1,388 A
Maximum precharging current (max. 3 s)	internal
Current drawn	
24 V DC auxiliary power supply	1.1 A
DC link capacitance	
Basic Line Module	11,600 µF
Drive line-up, max.	92,800 µF
Power loss, max. [3]	
At 50 Hz 690 V	5.4 kW
At 60 Hz 575 V	5.4 kW

Connections	
Line connection U1, V1, W1	
Design	6 x Flat connector for M12 screw
Conductor cross-section, max. (IEC)	6 x 185 mm²
DC link connection DCP, DCN	
Design	6 x 3 x hole for M12
Conductor cross-section, max. (IEC)	6 x 185 mm²
PE/GND connection	
Design	4 x 2 x hole for M12
Conductor cross-section, max. (IEC)	4 x 240 mm²

Mechanical data	
Degree of protection	IP00
Frame size	GB
Net weight	214 kg (471.78 lb)
Dimensions	
Width	310 mm (12.2 in)
Height	1,653 mm (65.08 in)
Depth	550 mm (21.66 in)

Other technical specifications	
Cooling air requirement	0.36 m³/s (12.713 ft³/s)
Sound pressure level LpA (1 m) at 50/60 Hz	71 dB / 73 dB
Minimum short-circuit current [4]	10,400 A
Line length, max. [5]	
Shielded	2,250 m (7,381.89 ft)
Unshielded	3,375 m (11,072.84 ft)

[1] The base-load current DC IH is the basis for a duty cycle of 150% for 60 s or I max DC for 5 s with a duty cycle duration of 300 s.
[3] The specified power loss represents the maximum value at 100% utilization. The value is lower under normal operating conditions.
[4] Current required for reliably triggering protective devices.
[5] Total of all motor cables and DC link. Longer cable lengths for specific configurations are available on request.