



Figure similar

Data sheet for Power Module

Article No. : 6SL3310-1TE32-6AA3

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

Item no. :
Consignment no. :
Project :

Rated data	
Line voltage	3 AC 342 ... 528 V
Type rating ¹⁾	
For I _L (50 Hz 400 V)	132 kW
For I _H (50 Hz 400 V)	110 kW
For I _L (60 Hz 460 V)	200 hp
For I _H (60 Hz 460 V)	200 hp
Output current	
Rated current I _N	260 A
Base-load current I _L ²⁾	250 A
Base load current I _H ³⁾	233 A
Maximum current I _{max}	375 A
Input current	
Rated input current I _N	284 A
Maximum input current I _{max}	410 A
Current drawn	
24 V DC auxiliary power supply	0.8 A
Pulse frequency	
Rated frequency	2 kHz
Pulse frequency, max.	
Without current derating	2 kHz
Power loss, max. ⁴⁾	
at 50 Hz 400 V	3.27 kW
at 60 Hz 460 V	3.36 kW

Connections	
Line connection	
U1, V1, W1	M10 screw
Conductor cross-section, max. (IEC)	2 x 185 mm ²
Motor connection	
U2/T1, V2/T2, W2/T3	M10 screw
Conductor cross-section, max. (IEC)	2 x 185 mm ²
PE1/GND connection	
Design	M10 screw
Conductor cross-section, max. (IEC)	2 x 185 mm ²
PE2/GND connection	
Design	M10 screw
Conductor cross-section, max. (IEC)	2 x 185 mm ²
Mechanical data	
Degree of protection	IP20 / UL open type
Weight	104 kg (229.28 lb)
Frame size	FX
Dimensions	
Width	326 mm (12.8 in)
Height	1,400 mm (55.12 in)
Depth	356 mm (14.02 in)
General technical specifications	
Cooling air requirement	0.23 m ³ /s
Sound pressure level L _{pA} (1 m) at 50/60 Hz	71 dB / 71 dB
Minimum short-circuit current ⁵⁾	3,600 A
Line length, max. ⁶⁾	
Shielded	300 m (984.25 ft)
Unshielded	450 m (1,476.38 ft)

¹⁾Rated output of a typ. 6-pole standard induction motor based on IL or IH with 400 V 3 AC 50 Hz (kw) or 460 V 3 AC 60 Hz (hp).
²⁾The base load current IL is based on a duty cycle of 110% for 60 s or 150% for 10 s with a duty cycle period of 300 s.
³⁾The base load current IH is based on a duty cycle of 150% for 60 s or 160% for 10 s with a duty cycle duration of 300 s.
⁴⁾The specified power loss represents the maximum value at 100% utilization. The value is lower under normal operating conditions.
⁵⁾Current required for reliably triggering protective devices.
⁶⁾Longer cable lengths for specific configurations are available on request. For additional information, please refer to the SINAMICS Low Voltage Engineering Manual.