



Figure similar

MLFB-Ordering data

6SL3320-1TE33-8AA3

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		Ambient conditions	
DC link voltage	DC 510 ... 720 V	Installation altitude (without derating)	2000 m (6562 ft)
Electronics power supply	DC 24 V -15 % / +20 %	Cooling ²⁾	External air cooling
Current demand, max.	0.90 A	Cooling air requirement	0.360 m ³ /s
Current consumption 400V AC	1.8 A	Ambient temperature	
DC-link current		During operation 0 ... 40 °C (32 ... 104 °F)	
Rated current I _N DC		Connections	
- Basic/Smart Line Module	456.0 A	Motor end	
- Active Line Module	411.0 A	Version	M10 screw
Base-load current I _L DC		Conductor cross-section	240.0 mm ²
- Basic/Smart Line Module	444.0 A	DC link (for braking resistor)	
- Active Line Module	400.0 A	Version	M10 screw
Base-load current I _H DC		Conductor cross-section	2 x 240 mm ²
- Basic/Smart Line Module	405.0 A	PE1 connection	M10 screw
- Active Line Module	365.0 A	Conductor cross-section	2 x 240 mm ²
Output current		PE2 connection	M10 screw
Rated value I _N	380.0 A	Conductor cross-section	2 x 240 mm ²
Base load current I _H	340.0 A	Max. motor cable length	
For S6 duty (40%) I _{S6}	430.0 A	Shielded	300 m (984 ft)
I _{max}	555.0 A	Unshielded	450 m (1476 ft)
Type rating ¹⁾		Standards	
Based on I _N	200.0 kW	Compliance with standards CE, cULus	
Based on I _H	160.0 kW	Safety Integrated SIL 2 acc. to IEC 61508, PL d acc. to EN ISO 13849-1, Category 3 acc. to EN ISO 13849-1	
Rated pulse frequency	2.00 kHz		
DC link capacitance	7800 µF		
Output frequency for servo control	0 ... 550 Hz		
Output frequency for V/f control	0 ... 550 Hz		
Output frequency for vector control	0 ... 550 Hz		

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Mechanical data

Line side

Width	326.00 mm (12.83 in)
Height	1533.00 mm (60.35 in)
Depth	545.00 mm (21.46 in)
Degree of protection	IP20 / UL open type
Type of construction	Chassis
Net weight	136.0 kg (299.83 lb)

General tech. specifications

Sound pressure level (1m)
50Hz/60Hz 69 dB / 73 dB

Power loss, max.

At 50 Hz 400 V 3.7 kW

At 60 Hz 460 V 3.8 kW

1) Rated output of a typical standard asynchronous motor at 400 V 3 AC

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