



Figure similar

MLFB-Ordering data

6SL3320-1TE32-6AA3

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.	0.80 A	Cooling air requirement	0.230 m ³ /s
Current consumption 400V AC	1.1 A	Ambient temperature	
DC-link current		During operation	
Rated current I _N DC		0 ... 40 °C (32 ... 104 °F)	
- Basic/Smart Line Module	312.0 A	Connections	
- Active Line Module	281.0 A	Motor end	
Base-load current I_L DC		Version	M10 screw
- Basic/Smart Line Module	304.0 A	Conductor cross-section	185 mm ² (-5 AWG)
- Active Line Module	273.0 A	DC link (for braking resistor)	
Base-load current I_H DC		Version	M10 screw
- Basic/Smart Line Module	277.0 A	Conductor cross-section	2 x 185 mm ² (2 x -5 AWG)
- Active Line Module	250.0 A	PE1 connection	M10 screw
Output current		Conductor cross-section	2 x 185 mm ² (2 x -5 AWG)
Rated value I _N	260.0 A	PE2 connection	M10 screw
Base load current I _H	233.0 A	Conductor cross-section	2 x 185 mm ² (2 x -5 AWG)
For S6 duty (40%) I _{S6}	285.0 A	Max. motor cable length	
I _{max}	375.0 A	Shielded	300 m (984 ft)
Type rating ¹⁾		Unshielded	450 m (1476 ft)
Based on I _N	132.0 kW	Standards	
Based on I _H	110.0 kW	Compliance with standards	
Rated pulse frequency	2.00 kHz	CE, cULus	
DC link capacitance	5200 µF	Safety Integrated	
Output frequency for servo control	0 ... 550 Hz	SIL 2 acc. to IEC 61508, PL d acc. to EN ISO 13849-1, Category 3 acc. to EN ISO 13849-1	
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	1400.00 mm (55.12 in)
Depth	356.00 mm (14.02 in)
Degree of protection	IP20
Type of construction	Chassis
Net weight	95.0 kg (209.44 lb)

General tech. specifications

Sound pressure level (1m)
50Hz/60Hz 71 dB / 71 dB

Power loss, max.

At 50 Hz 400 V 2.5 kW

At 60 Hz 460 V 2.6 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