

MLFB-Ordering data

6SL3320-1TE32-6AA3



Figure similar

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 m³/s
Current consumption 400V AC	1.1 A	Ambient temperature	
DC-link current		During operation	0 ... 40 °C (32 ... 104 °F)
Rated current I _N DC		Connections	
- Basic/Smart Line Module	312.0 A	Motor end	
- Active Line Module	281.0 A	Version	M10 screw
Base-load current I _L DC		Conductor cross-section	185 mm² (-5 AWG)
- Basic/Smart Line Module	304.0 A	DC link (for braking resistor)	
- Active Line Module	273.0 A	Version	M10 screw
Base-load current I _H DC		Conductor cross-section	2 x 185 mm² (2 x -5 AWG)
- Basic/Smart Line Module	277.0 A	PE1 connection	M10 screw
- Active Line Module	250.0 A	Conductor cross-section	2 x 185 mm² (2 x -5 AWG)
Output current		PE2 connection	M10 screw
Rated value I _N	260.0 A	Conductor cross-section	2 x 185 mm² (2 x -5 AWG)
Base load current I _H	233.0 A	Max. motor cable length	
For S6 duty (40%) I _{S6}	285.0 A	Shielded	300 m (984 ft)
I _{max}	375.0 A	Unshielded	450 m (1476 ft)
Type rating ¹⁾		Standards	
Based on I _N	132.0 kW	Compliance with standards	
Based on I _H	110.0 kW	Safety Integrated	
Rated pulse frequency	2.00 kHz	SIL 2 acc. to IEC 61508, PL d acc. to EN ISO 13849-1, Category 3 acc. to EN ISO 13849-1	
DC link capacitance	5200 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		General tech. specifications	
Line side			
Width	326.00 mm (12.83 in)	Sound pressure level (1m) 50Hz/60Hz	71 dB / 71 dB
Height	1400.00 mm (55.12 in)	Power loss, max.	
Depth	356.00 mm (14.02 in)	At 50 Hz 400 V	2.5 kW
Degree of protection	IP20	At 60 Hz 460 V	2.6 kW
Type of construction	Chassis		
Net weight	95.0 kg (209.44 lb)		

- 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