

### MLFB-Ordering data

6SL3121-1TE26-0AA3



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)	1000 m (3281 ft)
Electronics power supply	DC 24 V -15 % / +20 %	Cooling <sup>8)</sup>	External air cooling
Current demand, max.	1.20 A	Cooling air requirement	0.031 m³/s
DC-link current I <sub>d</sub>	72.0 A	Ambient temperature	
Output current		During operation	0 ... 40 °C (32 ... 104 °F)
Rated value I <sub>N</sub>	60.0 A	Connections	
Base load current I <sub>H</sub>	52.0 A	Motor end	
For S6 duty (40%) I <sub>S6</sub>	80.0 A	Version	M6 bolt (X1)
I <sub>max</sub>	113.0 A	Conductor cross-section	3 ... 50 mm² (14 ... 1 AWG)
Type rating <sup>2)</sup>		PE connection	M6 screw
Based on I <sub>N</sub>	32.0 kW	Max. motor cable length	
Based on I <sub>H</sub>	28.0 kW	Shielded	100 m (328 ft)
Rated pulse frequency	4.00 kHz	Unshielded	150 m (492 ft)
Current carrying capacity		Standards	
DC link busbars	200 A	Compliance with standards	CE, cULus
24 V busbars	20 A	Safety Integrated	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	1410 µF		

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Mechanical data		General tech. specifications	
<b>Line side</b>		<b>Sound pressure level (1m)</b>	65.0 dB
<b>Width</b>	150.00 mm (5.91 in)	<b>Power loss, max. <sup>9)</sup></b>	0.46 kW
<b>Height</b>	380.00 mm (14.96 in)		
<b>Depth</b>	226.00 mm (8.90 in)		
<b>Degree of protection</b>	IP20		
<b>Type of construction</b>	Booksize		
<b>Net weight</b>	13.4 kg (29.54 lb)		

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

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

9) Power loss of the Motor Module with rated power including losses of the 24 V DC electronics power supply