



Figure similar

MLFB-Ordering data

6SL3224-0BE23-0UA0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
Input		Power factor λ	0.85
Number of phases	3 AC	Offset factor $\cos \varphi$	0.95
Line voltage	380 ... 480 V $\pm 10\%$	Efficiency η	0.95
Line frequency	47 ... 63 Hz	Sound pressure level (1m)	50 dB
Rated current with line reactor	8.00 A	Power loss	0.16 kW
Rated current without line reactor	10.20 A	Ambient conditions	
Output		Cooling	Internal air cooling
Number of phases	3 AC	Cooling air requirement	0.024 m ³ /s (0.848 ft ³ /s)
Rated voltage	400 V	Installation altitude	1000 m (3280.84 ft)
Rated current (LO)	7.70 A	Ambient temperature	
Rated current (HO)	7.70 A	Operation LO	0 ... 40 °C (32 ... 104 °F)
Max. output current	15.40 A	Operation HO	0 ... 50 °C (32 ... 122 °F)
Rated power IEC 400V (LO)	3.00 kW	Transport	-25 ... 55 °C (-13 ... 131 °F)
Rated power NEC 480V (LO)	4.00 hp	Storage	-25 ... 55 °C (-13 ... 131 °F)
Rated power IEC 400V (HO)	3.00 kW	Relative humidity	
Rated power NEC 480V (HO)	4.00 hp	Max. operation	95 % RH, condensation not permitted
Pulse frequency	4 kHz		
Output frequency for vector control	0 ... 200 Hz		
Output frequency for V/f control	0 ... 550 Hz		

Overload capability

Low Overload (LO)

1.1 x rated output current (i.e. 110 % overload) for 57 s with a cycle time of 300 s 1.5 x rated output current (i.e. 150 % overload) for 3 s with a cycle time of 300 s

High Overload (HO)

1.5 x output current rating (i.e., 150 % overload) for 57 s with a cycle time of 300 s 2 x output current rating (i.e., 200 % overload) for 3 s with a cycle time of 300 s

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Mechanical data		Connections	
Degree of protection	IP20 / UL open type	Line side	
Size	FSB	Version	screw-type terminal
Net weight	4.00 kg (8.82 lb)	Conductor cross-section	1.00 ... 6.00 mm ² (AWG 18 ... AWG 10)
Width	153 mm (6.02 in)	Motor end	
Height	270 mm (10.63 in)	Version	Screw-type terminals
Depth	165 mm (6.50 in)	Conductor cross-section	1.00 ... 6.00 mm ² (AWG 18 ... AWG 10)
		DC link (for braking resistor)	
		Version	Screw-type terminals
		Conductor cross-section	1.00 ... 6.00 mm ² (AWG 18 ... AWG 10)
		PE connection	On housing with M5 screw
		Max. motor cable length	
		Shielded	50 m (164.04 ft)
		Unshielded	100 m (328.08 ft)
		Standards	
		Compliance with standards	UL, cUL, CE, C-Tick (RCM), SEMI F47
		CE marking	Low-voltage directive 2006/95/EC