



Figure similar

MLFB-Ordering data

6SL3225-0BH31-5AA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
Input		Power factor λ	0.95
Number of phases	3 / 3 AC	Offset factor $\cos \varphi$	0.95
Line voltage	500 ... 690 V $\pm 10\%$	Efficiency η	0.95
Line frequency	47 ... 63 Hz	Sound pressure level (1m)	64 dB
Rated current (LO)	22.00 A	Power loss	0.82 kW
Rated current (HO)	18.00 A	Ambient conditions	
Output		Cooling	Internal air cooling
Number of phases	3 AC	Cooling air requirement	0.044 m ³ /s
Rated voltage	400 V	Installation altitude	1000 m
Rated current (LO)	23.00 A	Ambient temperature	
Rated current (HO)	19.00 A	Operation LO	0 ... 40 °C (32 ... 104 °F)
Max. output current	38.00 A	Operation HO	0 ... 50 °C (32 ... 122 °F)
Rated power IEC 400V (LO)	18.50 kW	Transport	-25 ... 55 °C (-13 ... 131 °F)
Rated power NEC 480V (LO)	25.00 hp	Storage	-25 ... 55 °C (-13 ... 131 °F)
Rated power IEC 400V (HO)	15.00 kW	Relative humidity	
Rated power NEC 480V (HO)	20.00 hp	Max. operation	95 % RH, condensation not permitted
Pulse frequency	16 kHz		
Output frequency for vector control	0 ... 200 Hz		
Output frequency for V/f control	0 ... 200 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 1.4 x rated output current (i.e. 140 % 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

Degree of protection	IP20
Size	FSD
Net weight	23.00 kg
Width	275.0 mm
Height	512.0 mm
Depth	204.0 mm

Connections

Line side

Version	terminal strip
Conductor cross-section	2.50 ... 16.00 mm ²

Motor end

Version	terminal strip
Conductor cross-section	2.50 ... 16.00 mm ²

Max. motor cable length

Shielded	200 m
Unshielded	300 m

Standards

Compliance with standards	CE
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CE marking	Low-voltage directive 2006/95/EC
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