

MLFB-Ordering data

6SL3210-1PE16-1AL0

Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
Input		Power factor λ	0.70
Number of phases	3 / 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)	72 dB
Rated current (LO)	7.70 A	Power loss	0.10 kW
Rated current (HO)	6.10 A	Ambient conditions	
Output		Cooling	Internal air cooling
Number of phases	3 AC	Cooling air requirement	0.005 m ³ /s
Rated voltage	400 V	Installation altitude	1000 m
Rated current (LO)	5.90 A	Ambient temperature	
Rated current (HO)	4.10 A	Operation LO	0 ... 40 °C (32 ... 104 °F)
Max. output current	8.20 A	Operation HO	0 ... 50 °C (32 ... 122 °F)
Rated power IEC 400V (LO)	2.20 kW	Transport	-25 ... 55 °C (-13 ... 131 °F)
Rated power NEC 480V (LO)	3.00 hp	Storage	-25 ... 55 °C (-13 ... 131 °F)
Rated power IEC 400V (HO)	1.50 kW	Relative humidity	
Rated power NEC 480V (HO)	2.00 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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No image available for this configuration.

Figure similar

Mechanical data	
Degree of protection	IP20
Size	FSA
Net weight	1.50 kg
Width	73.0 mm
Height	196.0 mm
Depth	165.0 mm

Connections	
Line side	
Version	Terminal connector
Conductor cross-section	1.00 ... 2.50 mm ²
Motor end	
Version	Terminal connector
Conductor cross-section	1.00 ... 2.50 mm ²
Max. motor cable length	
Shielded	50 m
Unshielded	100 m

Standards	
Compliance with standards	UL, cUL, CE, C-Tick (RCM), SEMI F47
CE marking	Low-voltage directive 2006/95/EC