



Figure similar

MLFB-Ordering data

6SL3210-1PB21-4UL0

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

Rated data		General tech. specifications	
Input		Power factor λ	0.85
Number of phases	1 / 3 AC	Offset factor $\cos \phi$	0.95
Line voltage	200 ... 240 V $\pm 10\%$	Efficiency η	0.96
Line frequency	47 ... 63 Hz	Sound pressure level (1m)	65 dB
Rated current (LO)	35.90 / 20.70 A	Power loss	0.14 kW
Rated current (HO)	31.30 A	Ambient conditions	
Output		Cooling	Internal air cooling
Number of phases	3 AC	Cooling air requirement	0.018 m ³ /s
Rated voltage	230 V	Installation altitude	1000 m
Rated power (LO)	3.00 kW / 4.00 hp	Ambient temperature	
Rated power (HO)	2.20 kW / 3.00 hp	Operation LO	-5 ... 40 °C (23 ... 104 °F)
Rated current (LO)	13.60 A	Operation HO	-5 ... 50 °C (23 ... 122 °F)
Rated current (HO)	10.40 A	Transport	-40 ... 70 °C (-40 ... 158 °F)
Max. output current	20.80 A	Storage	-25 ... 55 °C (-13 ... 131 °F)
Pulse frequency	4 kHz	Relative humidity	
Output frequency for vector control	0 ... 200 Hz	Max. operation	95 % RH, condensation not permitted
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

Degree of protection	IP20
Size	FSC
Net weight	5.00 kg
Width	140.0 mm
Height	355.0 mm
Depth	165.0 mm

Connections

Line side

Version	Plug-in screw terminals
Conductor cross-section	6.00 ... 16.00 mm ²

Motor end

Version	Plug-in screw terminals
Conductor cross-section	6.00 ... 16.00 mm ²

Max. motor cable length

Shielded	50 m
Unshielded	100 m

Standards

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