



Figure similar

MLFB-Ordering data

6SL3210-1PB13-0AL0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data

Input

Number of phases	1 AC
Line voltage	200 ... 240 V \pm 10 %
Line frequency	47 ... 63 Hz
Rated current (LO)	7.50 A / 4.30 A
Rated current (HO)	6.60 A / 3.80 A

Output

Number of phases	3 AC
Rated voltage	230 V
Rated current (LO)	3.20 A
Rated current (HO)	2.30 A
Max. output current	4.80 A
Rated power IEC 230V (LO)	0.55 kW
Rated power NEC 240V (LO)	0.75 hp
Rated power IEC 230V (HO)	0.37 kW
Rated power NEC 240V (HO)	0.50 hp
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

General tech. specifications

Power factor λ	0.85
Offset factor $\cos \varphi$	0.95
Efficiency η	0.96
Sound pressure level (1m)	50 dB
Power loss	0.04 kW

Ambient conditions

Cooling	Internal air cooling
Cooling air requirement	0.005 m ³ /s
Installation altitude	1000 m

Ambient temperature

Operation LO	-5 ... 40 °C (23 ... 104 °F)
Operation HO	-5 ... 50 °C (23 ... 122 °F)
Transport	-25 ... 55 °C (-13 ... 131 °F)
Storage	-25 ... 55 °C (-13 ... 131 °F)

Relative humidity

Max. operation	95 % RH, condensation not permitted
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Mechanical data

Degree of protection	IP20
Size	FSA
Net weight	1.60 kg
Width	73.0 mm
Height	196.0 mm
Depth	165.0 mm

Connections

Line side

Version Plug-in screw terminals

Conductor cross-section 1.00 ... 2.50 mm²

Motor end

Version Plug-in screw terminals

Conductor cross-section 1.00 ... 2.50 mm²

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