



Figure similar

MLFB-Ordering data

6SL3210-5BB21-1UV0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
Input		Power factor λ	0.72
Number of phases	1 AC	Offset factor $\cos \phi$	0.95
Line voltage	200 ... 240 V -10 % +10 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Filter class (integrated)	Unfiltered
Output		Ambient conditions	
Number of phases	3 AC	Cooling	External fan
Rated voltage	230 V	Installation altitude	1000 m (3281 ft)
Rated power (HO)	1.10 kW / 1.50 hp	Ambient temperature	
Rated power (LO)	1.10 kW / 1.50 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated current (HO)	6.00 A	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (LO)	6.00 A	Relative humidity	
Pulse frequency	8.00 kHz	Max. operation	95 %
Output frequency	0 ... 550 Hz	Communication	
		Communication	USS, Modbus RTU
		Standards	
		Compliance with standards	CE, cULus, C-Tick (RCM), KC
		CE marking	EN 61800-5-1 / EN 60204-1 and EN 61800-3

Overload capability

Low Overload (LO)

110 % rated output current for 60 s, cycle time 300 s

High Overload (HO)

150 % rated output current for 60 s, cycle time 300 s



Figure similar

Mechanical data

Mounting position	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Size	FSB
Net weight	1.60 kg (3.53 lb)
Width	140.0 mm (5.51 in)
Height	160.0 mm (6.30 in)
Depth	164.5 mm (6.48 in)

Connections

Max. motor cable length

Shielded	25 m (82 ft)
Unshielded	50 m (164 ft)

Inputs / outputs

Standard digital inputs

Number	4
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Digital outputs

Number as relay changeover contact	1
Number as transistor	1

Analog inputs

Number	2 (Can be used as additional digital input)
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Analog outputs

Number	1
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