

MLFB-Ordering data

6SL3210-5BB21-5BV1



Figure similar

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Rat	ted data	General tech	n. specifications
Input		Power factor λ	0.72
Number of phases	1 AC	Offset factor $\cos \phi$	0.95
Line voltage	200 240 V -15 % +10 %	Efficiency η	0.98
Line frequency	47 63 Hz	Filter class (integrated)	Class B
Output		Ambient	t conditions
Number of phases	3 AC	Cooling	External fan
Rated voltage	230 V	Installation altitude	1000 m (3281 ft)
Rated power (HO)	1.50 kW / 2.00 hp		1000 m (3281 ft)
Rated power (LO)	1.50 kW / 2.00 hp	Ambient temperature	
Rated current (HO)	7.80 A	Operation	-10 60 °C (14 140 °F)
Rated current (LO)	7.80 A	Storage	-40 70 °C (-40 158 °F)
		Relative humidity	
		Max. operation	95 %
Pulse frequency	8.00 kHz	Comm	unication
Output frequency	0 550 Hz	Communication	USS, Modbus RTU
		Star	ndards
		Compliance with standards	CE, cULus, C-Tick (RCM)
		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



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Mechanical data		Connections	
Mounting position W	all mounting / side-by-side mounting	Max. motor cable lengt	h
		Shielded	25 m (82 ft)
	20 / UL open type	Unshielded	50 m (164 ft)
Size FS	SAC		
Net weight 1.	40 kg (3.09 lb)		
Width 9 ⁻	1.0 mm (3.57 in)		
Height 10	50.9 mm (6.33 in)		
Depth 14	17.0 mm (5.79 in)		
Inputs	/ outputs		
tandard digital inputs			
Number	4		
Digital outputs			
Number as relay changeover con	tact 1		
Number as transistor	1		
nalog inputs			
Number	2 (Can be used as additional digital input)		
nalog outputs			