

**MLFB-Ordering data** 

6SL3210-5BB21-1AV0



Figure similar

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

Remarks:

Item no. : Consignment no. :

Project :

Ra	ted data	General tech. specifications		
Input		Power factor λ	0.72	
Number of phases	1 AC	Offset factor cos φ	0.95	
Line voltage	200 240 V -10 % +10 %	Efficiency η	0.98	
Line frequency	47 63 Hz	Filter class (integrated)	Class A	
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		1000 III (5201 II)	
Rated power (LO)	1.10 kW / 1.50 hp	Ambient temperature  Operation	10 60% (14 140%)	
Rated current (HO)	6.00 A		-10 60 °C (14 140 °F)	
Rated current (LO)	6.00 A	Storage	-40 70 °C (-40 158 °F)	
		Relative humidity		
		Max. operation	95 %	
Pulse frequency	8.00 kHz	Communication		
Output frequency	0 550 Hz	Communication	USS, Modbus RTU	
		Standards		
		Compliance with standards	CE, cULus, C-Tick (RCM), KC	
		CE marking	EN 61800-5-1 /EN 60204-1 and E 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	Through-hole mounting / wall mounting / side-by-side mounting		Max. motor cable length	
3,,			Shielded	25 m (82 ft)
Degree of protection	IP20 / UL open type		Unshielded	50 m (164 ft)
Size	FSB			
Net weight	1.80 kg ( 3.97 lb )			
Width	140.0 mm ( 5.51 in )			
Height	160.0 mm ( 6.30 in )			
Depth	164.5 mm	( 6.48 in )		
Inputs / outputs				
Standard digital inputs			•	
Number		4		
Digital outputs				
Number as relay changeover o	contact	1		
Number as transistor		1		
Analog inputs				
Number		2 (Can be used as additional digital input)		
Analog outputs				