

MLFB-Ordering data

6SL3210-5BE27-5UV0



Figure similar

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	3 AC	Offset factor cos φ	0.95
Line voltage	380 480 V -15 % +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	400 V	Installation altitude	1000 m (3281 ft)
Rated power (HO)	7.50 kW / 10.00 hp		1000 III (3281 II)
Rated power (LO)	7.50 kW / 10.00 hp	Ambient temperature	
Rated current (HO)	16.50 A	Operation	-10 60 °C (14 140 °F)
Rated current (LO)	16.50 A	Storage	-40 70 °C (-40 158 °F)
Rated current (HO) at 480V	16.50 A	Relative humidity	
Rated current (LO) at 480V	16.50 A	Max. operation	95 %
Pulse frequency	4.00 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 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	ugh-hole mounting / wall mounting / by-side mounting	Max. motor cable lengt	h
		Shielded	25 m (82 ft)
	/ UL open type	Unshielded	50 m (164 ft)
Size FSD			
Net weight 3.70	kg (8.16 lb)		
Width 240.	0 mm (9.45 in)		
Height 206.	5 mm (8.13 in)		
Depth 172.	5 mm (6.79 in)		
Inputs / outputs			
standard digital inputs		_	
Number	4		
Digital outputs			
Number as relay changeover conta	ct 1		
Number as transistor	1		
Analog inputs			
Number	2 (Can be used as additional digital input)		
Analog outputs			
Number	1		