



Figure similar

MLFB-Ordering data

6SL3210-5BB12-5BV1

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 $\cos \varphi$	0.95
Line voltage	200 ... 240 V -15 % +10 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Ambient conditions	
Output		Cooling	convection cooling
Number of phases	3 AC	Installation altitude	1000 m (3281 ft)
Rated voltage	400 V	Ambient temperature	
Rated power (HO)	0.25 kW / 0.33 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	0.25 kW / 0.25 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	1.70 A	Relative humidity	
Rated current (LO)	1.70 A	Max. operation	95 %
Pulse frequency		Communication	
Pulse frequency	8 kHz	Communication	USS, Modbus RTU
Output frequency	0 ... 550 Hz	Standards	
Overload capability		Compliance with standards	CE, cULus, C-Tick (RCM), KC
Low Overload (LO)		CE marking	EN 61800-5-1 /EN 60204-1 and EN 61800-3
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			

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

Mounting position	Wall mounting / side-by-side mounting
Degree of protection	IP20
Size	FSAA
Net weight	0.60 kg (1.32 lb)
Width	68.0 mm (2.68 in)
Height	142.0 mm (5.59 in)
Depth	107.8 mm (4.24 in)

Connections

Max. motor cable length

Shielded	25 m (33 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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