

MLFB-Ordering data

6SL3210-5BE31-1CV0



Figure similar

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

Rated data		General tech. specifications	
Input		Power factor λ	0.72
Number of phases	3 AC	Offset factor $\cos \varphi$	0.95
Line voltage	380 ... 480 V -15 % +10 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Filter class (integrated)	
Output		Ambient conditions	
Number of phases	3 AC	Cooling	External fan
Rated voltage	400 V	Installation altitude	1000 m (3281 ft)
Rated power (HO)	11.00 kW / 15.00 hp	Ambient temperature	
Rated power (LO)	11.00 kW / 15.00 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated current (HO)	25.00 A	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (LO)	25.00 A	Relative humidity	
Rated current (HO) at 480V	21.00 A	Max. operation	95 %
Rated current (LO) at 480V	21.00 A	Communication	
Pulse frequency	4.00 kHz	Communication	USS, Modbus RTU
Output frequency	0 ... 550 Hz	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	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Size	FSD
Net weight	4.10 kg (9.04 lb)
Width	240.0 mm (9.45 in)
Height	206.5 mm (8.13 in)
Depth	172.5 mm (6.79 in)

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
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Number as transistor	1
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Analog inputs

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

Number	1
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