



Figure similar

MLFB-Ordering data

6SL3210-5BE31-8CV0

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 $\cos \varphi$	0.95
Line voltage	380 ... 480 V -15 % +10 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Ambient conditions	
Output		Cooling	External fan
Number of phases	3 AC	Installation altitude	1000 m (3281 ft)
Rated voltage	400 V	Ambient temperature	
Rated power (HO)	18.50 kW / 25.00 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	22.00 kW / 30.00 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	38.00 A	Relative humidity	
Rated current (LO)	45.00 A	Max. operation	95 %
Rated current (HO) at 480V	34.00 A	Communication	
Rated current (LO) at 480V	40.00 A	Communication	USS, Modbus RTU
Pulse frequency	2.00 kHz	Standards	
Output frequency	0 ... 550 Hz	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



Figure similar

Mechanical data

Mounting position	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20
Size	FSE
Net weight	6.79 kg (14.97 lb)
Width	245.0 mm (9.65 in)
Height	264.5 mm (10.41 in)
Depth	209.0 mm (8.23 in)

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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Connections

Max. motor cable length

Shielded	50 m (164 ft)
Unshielded	100 m (328 ft)