



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	4.00 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

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Mechanical data

Mounting position	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
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)

Connections

Max. motor cable length

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