



Figure similar

MLFB-Ordering data

6SL3210-5BE25-5UV0

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 $\cos \phi$ 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) 5.50 kW / 7.50 hp	Ambient temperature
Rated power (LO) 5.50 kW / 7.50 hp	Operation -10 ... 60 °C (14 ... 140 °F)
Rated current (HO) 12.50 A	Storage -40 ... 70 °C (-40 ... 158 °F)
Rated current (LO) 12.50 A	Relative humidity
Rated current (HO) at 480V 11.00 A	Max. operation 95 %
Rated current (LO) at 480V 11.00 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

Mounting position	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Size	FSC
Net weight	2.40 kg (5.29 lb)
Width	184.0 mm (7.24 in)
Height	182.0 mm (7.17 in)
Depth	169.0 mm (6.65 in)

Connections

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
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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