



Figure similar

Ordering data

6SL3210-5BB21-5UV0

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	1 AC	Offset factor $\cos \varphi$	0.95
Line voltage	200 ... 240 V -10 % +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	230 V	Ambient temperature	
Rated power (HO)	1.50 kW / 2.00 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	1.50 kW / 2.00 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	7.80 A	Relative humidity	
Rated current (LO)	7.80 A	Max. operation	95 %
Pulse frequency		Communication	
Pulse frequency	2 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
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Mounting position	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20
Size	FSB
Net weight	1.60 kg (3.53 lb)
Width	140.0 mm (5.51 in)
Height	160.0 mm (6.30 in)
Depth	164.5 mm (6.48 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
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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