



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
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	
Overload capability		Compliance with standards	CE, cULus, C-tick, KC
Low Overload (LO)		CE marking	EN 61800-5-1 / EN 60204-1 and EN 61800-3
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			

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
Size	FSB
Net weight	1.60 kg
Width	140.0 mm
Height	160.0 mm
Depth	164.5 mm

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	25 m
Unshielded	50 m