



Figure similar

### MLFB-Ordering data

6SL3210-5BB12-5BV1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
<b>Input</b>		<b>Power factor <math>\lambda</math></b>	0.72
Number of phases	1 AC	<b>Offset factor <math>\cos \varphi</math></b>	0.95
Line voltage	200 ... 240 V -15 % +10 %	<b>Efficiency <math>\eta</math></b>	0.98
Line frequency	47 ... 63 Hz	<b>Ambient conditions</b>	
<b>Output</b>		<b>Cooling</b>	convection cooling
Number of phases	3 AC	<b>Installation altitude</b>	1000 m (3281 ft)
Rated voltage	230 V	<b>Ambient temperature</b>	
Rated power (HO)	0.25 kW / 0.33 hp	<b>Operation</b>	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	0.25 kW / 0.25 hp	<b>Storage</b>	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	1.70 A	<b>Relative humidity</b>	
Rated current (LO)	1.70 A	<b>Max. operation</b>	95 %
<b>Pulse frequency</b>		<b>Communication</b>	
Pulse frequency	8 kHz	<b>Communication</b>	USS, Modbus RTU
<b>Output frequency</b>	0 ... 550 Hz	<b>Standards</b>	
		<b>Compliance with standards</b>	CE, cULus, C-Tick (RCM), KC
		<b>CE marking</b>	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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<b>Mounting position</b>	Wall mounting / side-by-side mounting
<b>Degree of protection</b>	IP20
<b>Size</b>	FSAA
<b>Net weight</b>	0.60 kg ( 1.32 lb )
<b>Width</b>	68.0 mm ( 2.68 in )
<b>Height</b>	142.0 mm ( 5.59 in )
<b>Depth</b>	107.8 mm ( 4.24 in )

Max. motor cable length	
<b>Shielded</b>	25 m (33 ft)
<b>Unshielded</b>	50 m (164 ft)

Inputs / outputs
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### Standard digital inputs

<b>Number</b>	4
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### Digital outputs

<b>Number as relay changeover contact</b>	1
<b>Number as transistor</b>	1

### Analog inputs

<b>Number</b>	2 (Can be used as additional digital input)
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### Analog outputs

<b>Number</b>	1
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