



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																						
Input <table> <tr> <td>Number of phases</td><td>1 AC</td></tr> <tr> <td>Line voltage</td><td>200 ... 240 V -15 % +10 %</td></tr> <tr> <td>Line frequency</td><td>47 ... 63 Hz</td></tr> </table>	Number of phases	1 AC	Line voltage	200 ... 240 V -15 % +10 %	Line frequency	47 ... 63 Hz	<table> <tr> <td>Power factor λ</td><td>0.72</td></tr> <tr> <td>Offset factor $\cos \varphi$</td><td>0.95</td></tr> <tr> <td>Efficiency η</td><td>0.98</td></tr> <tr> <td>Filter class (integrated)</td><td>Class B</td></tr> </table>	Power factor λ	0.72	Offset factor $\cos \varphi$	0.95	Efficiency η	0.98	Filter class (integrated)	Class B								
Number of phases	1 AC																						
Line voltage	200 ... 240 V -15 % +10 %																						
Line frequency	47 ... 63 Hz																						
Power factor λ	0.72																						
Offset factor $\cos \varphi$	0.95																						
Efficiency η	0.98																						
Filter class (integrated)	Class B																						
Output <table> <tr> <td>Number of phases</td><td>3 AC</td></tr> <tr> <td>Rated voltage</td><td>230 V</td></tr> <tr> <td>Rated power (HO)</td><td>0.25 kW / 0.33 hp</td></tr> <tr> <td>Rated power (LO)</td><td>0.25 kW / 0.25 hp</td></tr> <tr> <td>Rated current (HO)</td><td>1.70 A</td></tr> <tr> <td>Rated current (LO)</td><td>1.70 A</td></tr> </table>	Number of phases	3 AC	Rated voltage	230 V	Rated power (HO)	0.25 kW / 0.33 hp	Rated power (LO)	0.25 kW / 0.25 hp	Rated current (HO)	1.70 A	Rated current (LO)	1.70 A	Ambient conditions <table> <tr> <td>Cooling</td><td>convection cooling</td></tr> <tr> <td>Installation altitude</td><td>1000 m (3281 ft)</td></tr> </table> Ambient temperature <table> <tr> <td>Operation</td><td>-10 ... 60 °C (14 ... 140 °F)</td></tr> <tr> <td>Storage</td><td>-40 ... 70 °C (-40 ... 158 °F)</td></tr> </table> Relative humidity <table> <tr> <td>Max. operation</td><td>95 %</td></tr> </table>	Cooling	convection cooling	Installation altitude	1000 m (3281 ft)	Operation	-10 ... 60 °C (14 ... 140 °F)	Storage	-40 ... 70 °C (-40 ... 158 °F)	Max. operation	95 %
Number of phases	3 AC																						
Rated voltage	230 V																						
Rated power (HO)	0.25 kW / 0.33 hp																						
Rated power (LO)	0.25 kW / 0.25 hp																						
Rated current (HO)	1.70 A																						
Rated current (LO)	1.70 A																						
Cooling	convection cooling																						
Installation altitude	1000 m (3281 ft)																						
Operation	-10 ... 60 °C (14 ... 140 °F)																						
Storage	-40 ... 70 °C (-40 ... 158 °F)																						
Max. operation	95 %																						
<table> <tr> <td>Pulse frequency</td><td>8.00 kHz</td></tr> <tr> <td>Output frequency</td><td>0 ... 550 Hz</td></tr> </table>	Pulse frequency	8.00 kHz	Output frequency	0 ... 550 Hz	Communication <table> <tr> <td>Communication</td><td>USS, Modbus RTU</td></tr> </table>	Communication	USS, Modbus RTU																
Pulse frequency	8.00 kHz																						
Output frequency	0 ... 550 Hz																						
Communication	USS, Modbus RTU																						
	Standards <table> <tr> <td>Compliance with standards</td><td>CE, cULus, C-Tick (RCM), KC</td></tr> <tr> <td>CE marking</td><td>EN 61800-5-1 /EN 60204-1 and EN 61800-3</td></tr> </table>	Compliance with standards	CE, cULus, C-Tick (RCM), KC	CE marking	EN 61800-5-1 /EN 60204-1 and EN 61800-3																		
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



Figure similar

Mechanical data

Mounting position	Wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Size	FSAA
Net weight	0.60 kg (1.32 lb)
Width	68.0 mm (2.68 in)
Height	142.0 mm (5.59 in)
Depth	107.8 mm (4.24 in)

Inputs / outputs

Standard digital inputs

Number	4
--------	---

Digital outputs

Number as relay changeover contact	1
Number as transistor	1

Analog inputs

Number	2 (Can be used as additional digital input)
--------	---

Analog outputs

Number	1
--------	---

Connections

Max. motor cable length

Shielded	25 m (82 ft)
Unshielded	50 m (164 ft)