

MLFB-Ordering data

6SL3210-5BE21-5UV0

Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data	General tech. specifications																																																		
<p>Input</p> <table border="1"> <tr> <td>Number of phases</td> <td>3 AC</td> </tr> <tr> <td>Line voltage</td> <td>380 ... 480 V -15 % +10 %</td> </tr> <tr> <td>Line frequency</td> <td>47 ... 63 Hz</td> </tr> </table> <p>Output</p> <table border="1"> <tr> <td>Number of phases</td> <td>3 AC</td> </tr> <tr> <td>Rated voltage</td> <td>400 V</td> </tr> <tr> <td>Rated power (HO)</td> <td>1.50 kW / 2.00 hp</td> </tr> <tr> <td>Rated power (LO)</td> <td>1.50 kW / 2.00 hp</td> </tr> <tr> <td>Rated current (HO)</td> <td>4.10 A</td> </tr> <tr> <td>Rated current (LO)</td> <td>4.10 A</td> </tr> <tr> <td>Rated current (HO) at 480V</td> <td>4.10 A</td> </tr> <tr> <td>Rated current (LO) at 480V</td> <td>4.10 A</td> </tr> <tr> <td>Pulse frequency</td> <td>4.00 kHz</td> </tr> <tr> <td>Output frequency</td> <td>0 ... 550 Hz</td> </tr> </table>	Number of phases	3 AC	Line voltage	380 ... 480 V -15 % +10 %	Line frequency	47 ... 63 Hz	Number of phases	3 AC	Rated voltage	400 V	Rated power (HO)	1.50 kW / 2.00 hp	Rated power (LO)	1.50 kW / 2.00 hp	Rated current (HO)	4.10 A	Rated current (LO)	4.10 A	Rated current (HO) at 480V	4.10 A	Rated current (LO) at 480V	4.10 A	Pulse frequency	4.00 kHz	Output frequency	0 ... 550 Hz	<table border="1"> <tr> <td>Power factor λ</td> <td>0.72</td> </tr> <tr> <td>Offset factor $\cos \phi$</td> <td>0.95</td> </tr> <tr> <td>Efficiency η</td> <td>0.98</td> </tr> <tr> <td>Filter class (integrated)</td> <td>Unfiltered</td> </tr> </table> <p>Ambient conditions</p> <table border="1"> <tr> <td>Cooling</td> <td>External fan</td> </tr> <tr> <td>Installation altitude</td> <td>1000 m (3281 ft)</td> </tr> </table> <p>Ambient temperature</p> <table border="1"> <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> <p>Relative humidity</p> <table border="1"> <tr> <td>Max. operation</td> <td>95 %</td> </tr> </table> <p>Communication</p> <table border="1"> <tr> <td>Communication</td> <td>USS, Modbus RTU</td> </tr> </table> <p>Standards</p> <table border="1"> <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>	Power factor λ	0.72	Offset factor $\cos \phi$	0.95	Efficiency η	0.98	Filter class (integrated)	Unfiltered	Cooling	External fan	Installation altitude	1000 m (3281 ft)	Operation	-10 ... 60 °C (14 ... 140 °F)	Storage	-40 ... 70 °C (-40 ... 158 °F)	Max. operation	95 %	Communication	USS, Modbus RTU	Compliance with standards	CE, cULus, C-Tick (RCM), KC	CE marking	EN 61800-5-1 /EN 60204-1 and EN 61800-3
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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

No image available for this configuration.

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Mechanical data

Mounting position	Wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Size	FSA
Net weight	1.00 kg (2.20 lb)
Width	90.0 mm (3.54 in)
Height	166.0 mm (6.54 in)
Depth	145.5 mm (5.73 in)

Connections

Max. motor cable length

Shielded	10 m (33 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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