



Figure similar

### MLFB-Ordering data

6SL3210-1SE31-0AA0

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>	0.95 ... 0.65
Number of phases	3 AC	<b>Offset factor <math>\cos \varphi</math></b>	0.96
Line voltage	380 ... 480 V $\pm 10$ %	<b>Sound pressure level (1m)</b>	62 dB
Line frequency	47 ... 63 Hz	<b>Power loss</b>	1.21 kW
<b>Output</b>		<b>Ambient conditions</b>	
Rated power	45.00 kW	<b>Cooling</b>	Increased air cooling due to built-in fan
Rated current (IN)	90.00 A	<b>Cooling air requirement</b>	0.039 m <sup>3</sup> /s
Rated current (HO)	80.00 A	<b>Installation altitude</b>	1000 m
Current for S6 duty (40%)	117.00 A	<b>Ambient temperature</b>	
Max. output current	150.00 A	<b>Operation LO</b>	0 ... 40 °C (32 ... 104 °F)
Rated power IEC 400V (HO)	37.00 kW	<b>Transport</b>	-40 ... 70 °C (-40 ... 158 °F)
Rated power NEC 480V (HO)	60.00 hp	<b>Storage</b>	-25 ... 70 °C (-40 ... 158 °F)
Pulse frequency	4 kHz	<b>Relative humidity</b>	
Output frequency for servo control	0 ... 330 Hz	<b>Max. operation</b>	95 % at 40 °C (104 °F)

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### Mechanical data

Degree of protection	IP20 / UL open type
Frame size	FSE
Net weight	27.10 kg
Width	275.0 mm
Height	633.0 mm
Depth	203.5 mm

### Connections

#### Line side

Version	M6 bolt
Conductor cross-section	10.00 ... 35.00 mm <sup>2</sup>

#### Motor end

Version	M6 bolt
Conductor cross-section	10.00 ... 35.00 mm <sup>2</sup>

#### DC link (for braking resistor)

Conductor cross-section	10.00 ... 50.00 mm <sup>2</sup>
PE connection	M6 screw

#### Max. motor cable length

Shielded	25 m
Unshielded	100 m

### Standards

Compliance with standards	cULus
CE marking	Low-voltage and EMC guideline