



Figure similar

### MLFB-Ordering data

6SL3211-1PC26-8UL0

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

Rated data		General tech. specifications	
<b>Input</b>		<b>Power factor <math>\lambda</math></b>	0.95
Number of phases	3 AC	<b>Offset factor <math>\cos \varphi</math></b>	0.99
Line voltage	200 ... 240 V $\pm 10\%$	<b>Efficiency <math>\eta</math></b>	0.96
Line frequency	47 ... 63 Hz	<b>Sound pressure level (1m)</b>	63 dB
Rated current (LO)	64.00 A	<b>Power loss</b>	0.82 kW
Rated current (HO)	56.00 A	<b>Filter class (integrated)</b>	-
<b>Output</b>		<b>Ambient conditions</b>	
Number of phases	3 AC	<b>Cooling</b>	Internal air cooling
Rated voltage	230 V	<b>Cooling air requirement</b>	0.055 m <sup>3</sup> /s (1.942 ft <sup>3</sup> /s)
Rated current (LO)	68.00 A	<b>Installation altitude</b>	1000 m (3280.84 ft)
Rated current (HO)	54.00 A	<b>Ambient temperature</b>	
Max. output current	108.00 A	<b>Operation LO</b>	-20 ... 40 °C (-4 ... 104 °F)
Rated power IEC 230V (LO)	18.50 kW	<b>Operation HO</b>	-20 ... 50 °C (-4 ... 122 °F)
Rated power NEC 240V (LO)	25.00 hp	<b>Transport</b>	-40 ... 70 °C (-40 ... 158 °F)
Rated power IEC 230V (HO)	15.00 kW	<b>Storage</b>	-40 ... 70 °C (-40 ... 158 °F)
Rated power NEC 240V (HO)	20.00 hp	<b>Relative humidity</b>	
Pulse frequency	4 kHz	<b>Max. operation</b>	95 % RH, condensation not permitted
Output frequency for vector control	0 ... 200 Hz		
Output frequency for V/f control	0 ... 550 Hz		

### Overload capability

#### Low Overload (LO)

1.1 x rated output current (i.e. 110 % overload) for 57 s with a cycle time of 300 s 1.5 x rated output current (i.e. 150 % overload) for 3 s with a cycle time of 300 s

#### High Overload (HO)

1.5 x output current rating (i.e., 150 % overload) for 57 s with a cycle time of 300 s 2 x output current rating (i.e., 200 % overload) for 3 s with a cycle time of 300 s



Figure similar

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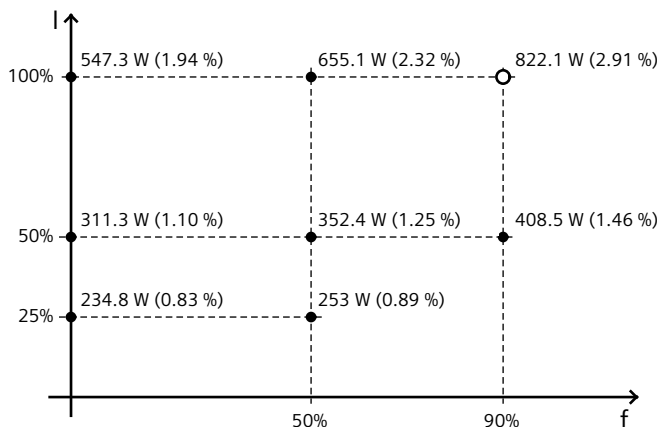
6SL3211-1PC26-8UL0

Mechanical data	
Degree of protection	IP20 / UL open type
Size	FSD
Net weight	19.50 kg (42.99 lb)
Width	275 mm (10.83 in)
Height	517 mm (20.35 in)
Depth	237 mm (9.33 in)

### Converter losses to EN 50598-2\*

Efficiency class	IE2
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Comparison with the reference converter (90% / 100%)	-0.68 %
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The percentage values show the losses in relation to the rated apparent power of the converter.

The diagram shows the losses for the points (as per standard EN 50598) of the relative torque generating current (I) over the relative motor stator frequency (f). The values are valid for the basic version of the converter without options/components.

\*converted values

### Connections

Line side	
Version	screw-type terminal
Conductor cross-section	10.00 ... 35.00 mm <sup>2</sup> (AWG 8 ... AWG 2)
Motor end	
Version	Screw-type terminals
Conductor cross-section	10.00 ... 35.00 mm <sup>2</sup> (AWG 8 ... AWG 2)

### DC link (for braking resistor)

Version	Screw-type terminals
Conductor cross-section	2.50 ... 16.00 mm <sup>2</sup> (AWG 14 ... AWG 6)
Cable length	10 m (32.81 ft)
PE connection	Screw-type terminals

### Max. motor cable length

Shielded	200 m (656.17 ft)
Unshielded	300 m (984.25 ft)

### Standards

Compliance with standards	UL, cUL, CE, C-Tick (RCM), SEMI F47
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CE marking	Low-voltage directive 2006/95/EC
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