

MLFB-Ordering data

6SL3210-1PE22-7UL0



Figure similar

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>3 / 3 AC</td></tr> <tr> <td>Line voltage</td><td>380 ... 480 V ± 10 %</td></tr> <tr> <td>Line frequency</td><td>47 ... 63 Hz</td></tr> <tr> <td>Rated current (LO)</td><td>32.60 A</td></tr> <tr> <td>Rated current (HO)</td><td>27.00 A</td></tr> </table>	Number of phases	3 / 3 AC	Line voltage	380 ... 480 V ± 10 %	Line frequency	47 ... 63 Hz	Rated current (LO)	32.60 A	Rated current (HO)	27.00 A	<table> <tr> <td>Power factor λ</td><td>0.85</td></tr> <tr> <td>Offset factor $\cos \varphi$</td><td>0.95</td></tr> <tr> <td>Efficiency η</td><td>0.97</td></tr> <tr> <td>Sound pressure level (1m)</td><td>72 dB</td></tr> <tr> <td>Power loss</td><td>0.30 kW</td></tr> </table>	Power factor λ	0.85	Offset factor $\cos \varphi$	0.95	Efficiency η	0.97	Sound pressure level (1m)	72 dB	Power loss	0.30 kW																				
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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

SIEMENS

Data sheet for SINAMICS Power Module PM240-2



MLFB-Ordering data

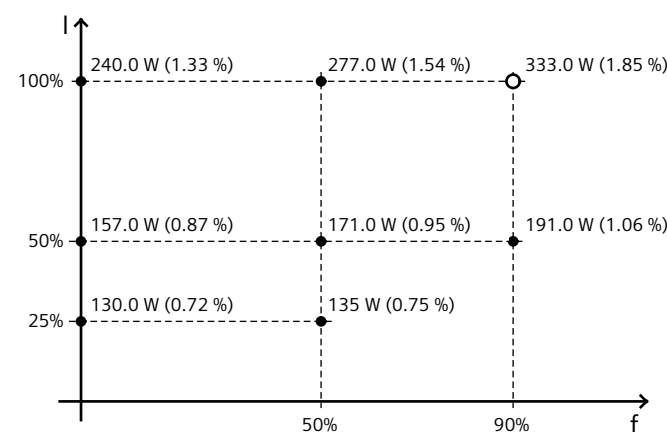
6SL3210-1PE22-7UL0

Mechanical data		Connections	
Degree of protection	IP20	Line side	
Size	FSC	Version	Plug-in screw terminals
Net weight	4.70 kg	Conductor cross-section	6.00 ... 16.00 mm²
Width	140.0 mm	Motor end	
Height	355.0 mm	Version	Plug-in screw terminals
Depth	165.0 mm	Conductor cross-section	6.00 ... 16.00 mm²

Converter losses to EN 50598-2*	
Efficiency class	IE2

Comparison with the reference converter (90% / 100%)

-65.93 %



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

Max. motor cable length	
Shielded	50 m
Unshielded	100 m

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