

MLFB-Ordering data

6SL3525-0PE23-0AA1



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 AC</td></tr> <tr> <td>Line voltage</td><td>380 ... 500 V ± 10 %</td></tr> <tr> <td>Line frequency</td><td>47 ... 63 Hz</td></tr> <tr> <td>Rated current</td><td>7.20 A</td></tr> </table>	Number of phases	3 AC	Line voltage	380 ... 500 V ± 10 %	Line frequency	47 ... 63 Hz	Rated current	7.20 A	<table> <tr> <td>Power factor λ</td><td>0.95</td></tr> <tr> <td>Efficiency η</td><td>0.97</td></tr> <tr> <td>Power loss</td><td>0.10 kW</td></tr> </table>	Power factor λ	0.95	Efficiency η	0.97	Power loss	0.10 kW																
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Overload capability

High Overload (HO)

Average max. rated output current during a cycle time of 300 s; 1.5 × rated output current (i.e. 150% overload) for 60 s with a cycle time of 300 s; 2 × rated output current (i.e. 200 % overload) for 3 s with a cycle time of 300 s

SIEMENS

Data sheet for SINAMICS G120D

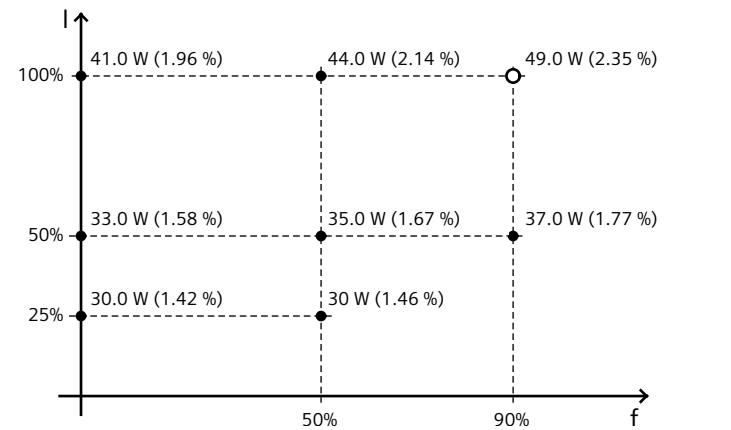
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Figure similar

Mechanical data		Connections	
Degree of protection	IP65 / UL type 3	Line side	
Size	FSB	Version	HAN Q4/2 (connector)
Net weight	8.00 kg	Conductor cross-section	2.50 ... 6.00 mm²
Width	445.0 mm	Motor end	
Height	210.0 mm	Version	HAN Q8 (socket)
Depth	180.0 mm	Conductor cross-section	2.50 ... 4.00 mm²
Converter losses to IEC61800-9-2*		PE connection	On housing with M5 screw
		Conductor cross-section	10.00 ... 16.00 mm²

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	65.03 %



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 IEC61800-9-2) 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

Standards	
Compliance with standards	UL 508C (UL list number E121068), CE, RCM
CE marking	Low-voltage directive 2006/95/EC
Max. motor cable length	
Shielded	15 m
Unshielded	30 m