

MLFB-Ordering data

6SL3225-0BE31-1AA1



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data	General tech. specifications																																								
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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 PM250

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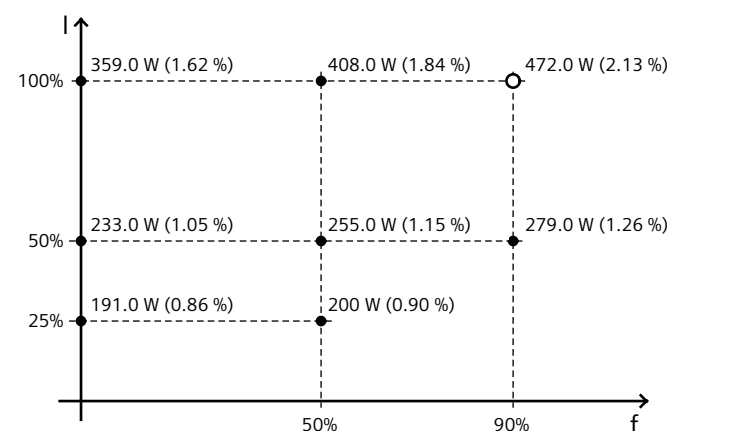


Figure similar

Mechanical data		Connections	
Degree of protection		Line side	
IP20 / UL open type			
Size		Version	
FSC		screw-type terminal	
Net weight		Conductor cross-section	
7.50 kg (16.53 lb)		2.50 ... 10.00 mm² (AWG 14 ... AWG 8)	
Width		Motor end	
189 mm (7.44 in)			
Height		Version	
334 mm (13.15 in)		Screw-type terminals	
Depth		Conductor cross-section	
185 mm (7.28 in)		2.50 ... 10.00 mm² (AWG 14 ... AWG 8)	

Converter losses to EN 50598-2*

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	-58.88 %



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	25 m (82.02 ft)
Unshielded	100 m (328.08 ft)

Standards

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