

MLFB-Ordering data

6SL3223-0DE25-5AG1



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 PM230

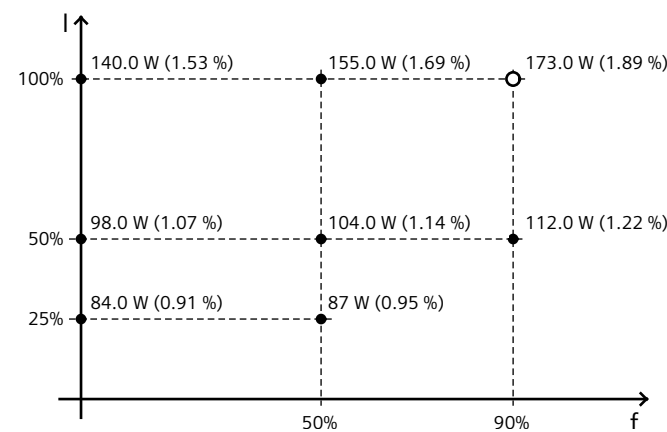
MLFB-Ordering data

6SL3223-0DE25-5AG1



Mechanical data		Connections	
Degree of protection		Line side	
IP55 / UL type 12			
Size		Version	
FSB		Plug-in screw terminals	
Net weight		Conductor cross-section	
6.30 kg (13.89 lb)		4.00 ... 6.00 mm² (AWG 12 ... AWG 10)	
Width		Motor end	
180 mm (7.09 in)			
Height		Version	
540 mm (21.26 in)		Plug-in screw terminals	
Depth		Conductor cross-section	
249 mm (9.80 in)		4.00 ... 6.00 mm² (AWG 12 ... AWG 10)	

Converter losses to EN 50598-2*	
Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	-68.55 %



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, CE, C-Tick (RCM)
CE marking	Low-voltage directive 2006/95/EC