

MLFB-Ordering data

6SL3210-1NE21-0UL1

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

No image
available for this
configuration.

Figure similar

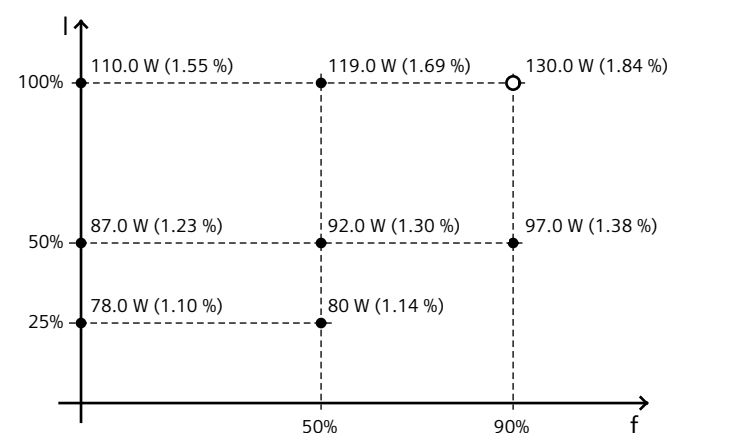
MLFB-Ordering data

6SL3210-1NE21-0UL1

Mechanical data	
Degree of protection	IP20 / UL open type
Size	FSB
Net weight	6.30 kg (13.89 lb)
Width	100 mm (3.94 in)
Height	292 mm (11.50 in)
Depth	165 mm (6.50 in)

Connections	
Line side	
Version	Plug-in screw terminals
Conductor cross-section	1.50 ... 6.00 mm² (AWG 16 ... AWG 10)
Motor end	
Version	Plug-in screw terminals
Conductor cross-section	1.50 ... 6.00 mm² (AWG 16 ... AWG 10)

Converter losses to EN 50598-2*	
Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	-71.21 %



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), KCC
CE marking	Low-voltage directive 2006/95/EC