

MLFB-Ordering data

6SL3210-1PE31-1AL0



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 PM240-2

MLFB-Ordering data

6SL3210-1PE31-1AL0

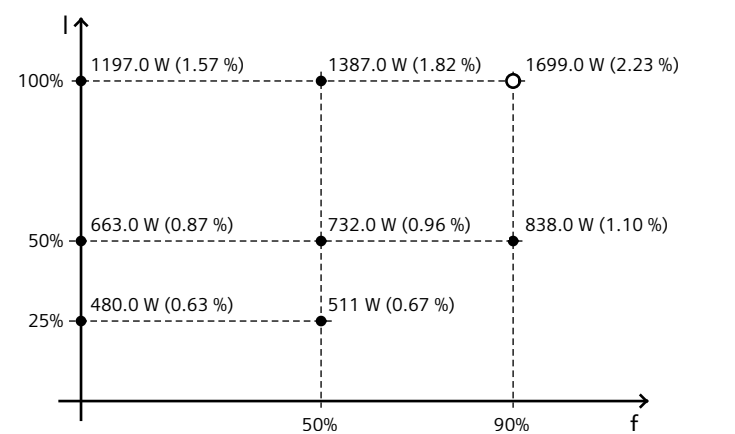


Figure similar

Mechanical data		Connections	
Degree of protection	IP20 / UL open type	Line side	
Size	FSE	Version	screw-type terminal
Net weight	28.00 kg (61.73 lb)	Conductor cross-section	25.00 ... 70.00 mm² (AWG 4 ... AWG -1)
Width	275 mm (10.83 in)	Motor end	
Height	551 mm (21.69 in)	Version	Screw-type terminals
Depth	237 mm (9.33 in)	Conductor cross-section	25.00 ... 70.00 mm² (AWG 4 ... AWG -1)

Converter losses to EN 50598-2*

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	-52.95 %



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

DC link (for braking resistor)

Version	Screw-type terminals
Conductor cross-section	10.00 ... 35.00 mm² (AWG 8 ... AWG 2)
Cable length	10 m (32.81 ft)
PE connection	Screw-type terminals

Max. motor cable length

Shielded	200 m (656.17 ft)
Unshielded	300 m (984.25 ft)

Standards

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