

MLFB-Ordering data

6SL3210-1PE34-8CLO



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

6SL3210-1PE34-8CL0



Figure similar

Mechanical data																									
Degree of protection	IP20 / UL open type																								
Size	FSG																								
Net weight	121.00 kg (266.76 lb)																								
Width	305 mm (12.01 in)																								
Height	1000 mm (39.37 in)																								
Depth	357 mm (14.06 in)																								
Converter losses to EN 50598-2*																									
Efficiency class	IE2																								
Comparison with the reference converter (90% / 100%)	-0.46 %																								
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Connections	
Line side	
Version	M10 bolt
Conductor cross-section	35.00 ... 185.00 mm² (AWG 2 ... AWG -5)
Motor end	
Version	M8 bolt
Conductor cross-section	35.00 ... 185.00 mm² (AWG 2 ... AWG -5)
DC link (for braking resistor)	
Version	Screw-type terminals
Conductor cross-section	25.00 ... 70.00 mm² (AWG 4 ... AWG -1)
Cable length	10 m (32.81 ft)
PE connection	M10 screw studs
Max. motor cable length	
Shielded	300 m (984.25 ft)
Unshielded	450 m (1476.38 ft)
Standards	
Compliance with standards	UL, cUL, CE, C-Tick (RCM), EAC, SEMI F47
CE marking	Low-voltage directive 2006/95/EC

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