

MLFB-Ordering data

6SL3210-1PE28-8UL0



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



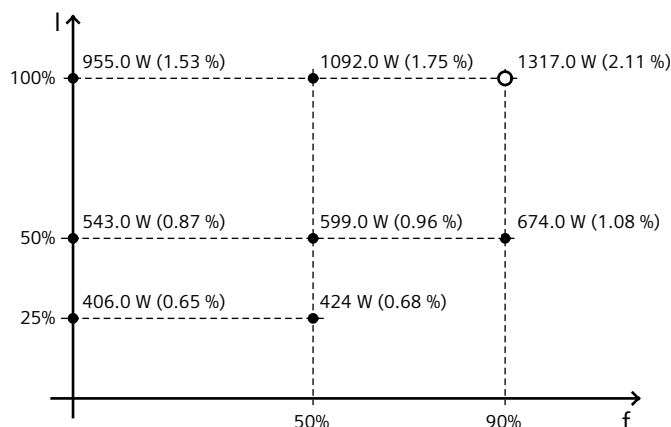
Figure similar

Mechanical data

Degree of protection	IP20
Size	FSE
Net weight	26.00 kg
Width	275.0 mm
Height	551.0 mm
Depth	237.0 mm

Converter losses to EN 50598-2*

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	-55.58 %



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

Connections

Line side

Version	screw-type terminal
Conductor cross-section	25.00 ... 70.00 mm²

Motor end

Version	Screw-type terminals
Conductor cross-section	25.00 ... 70.00 mm²

DC link (for braking resistor)

Version	Screw-type terminals
Conductor cross-section	10.00 ... 35.00 mm²
PE connection	Screw-type terminals

Max. motor cable length

Shielded	200 m
Unshielded	300 m

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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