



Figure similar

MLFB-Ordering data

6SL3210-5BE31-1UV0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data	General tech. specifications
Input	Power factor λ 0.72
Number of phases 3 AC	Offset factor $\cos \varphi$ 0.95
Line voltage 380 ... 480 V -15 % +10 %	Efficiency η 0.98
Line frequency 47 ... 63 Hz	Filter class (integrated) Unfiltered
Output	Ambient conditions
Number of phases 3 AC	Cooling External fan
Rated voltage 400 V	Installation altitude 1000 m (3281 ft)
Rated power (HO) 11.00 kW / 15.00 hp	Ambient temperature
Rated power (LO) 11.00 kW / 15.00 hp	Operation -10 ... 60 °C (14 ... 140 °F)
Rated current (HO) 25.00 A	Storage -40 ... 70 °C (-40 ... 158 °F)
Rated current (LO) 25.00 A	Relative humidity
Rated current (HO) at 480V 21.00 A	Max. operation 95 %
Rated current (LO) at 480V 21.00 A	Communication
Pulse frequency 4.00 kHz	Communication USS, Modbus RTU
Output frequency 0 ... 550 Hz	Standards
	Compliance with standards CE, cULus, C-Tick (RCM), KC
	CE marking EN 61800-5-1 / EN 60204-1 and EN 61800-3

Overload capability

Low Overload (LO)

110 % rated output current for 60 s, cycle time 300 s

High Overload (HO)

150 % rated output current for 60 s, cycle time 300 s

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Mechanical data

Mounting position	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Size	FSD
Net weight	3.70 kg (8.16 lb)
Width	240.0 mm (9.45 in)
Height	206.5 mm (8.13 in)
Depth	172.5 mm (6.79 in)

Inputs / outputs

Standard digital inputs

Number	4
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Digital outputs

Number as relay changeover contact	1
Number as transistor	1

Analog inputs

Number	2 (Can be used as additional digital input)
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Analog outputs

Number	1
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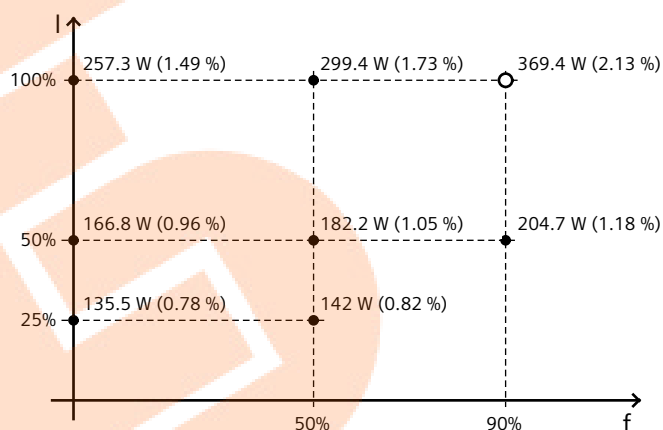
Connections

Max. motor cable length

Shielded	25 m (82 ft)
Unshielded	50 m (164 ft)

Converter losses to EN 50598-2*

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	-39.28 %



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