

MLFB-Ordering data

6SL3210-5BE15-5UV0



Figure similar

Client order no. : Order no. : Offer no. : Remarks : Item no. : Consignment no. :

Project :

Rated	data	General tech	n. specifications
Input		Power factor λ	0.72
Number of phases	3 AC	Offset factor cos φ	0.95
Line voltage	380 480 V -15 % +10 %	Efficiency η	0.98
Line frequency	47 63 Hz	Filter class (integrated)	Unfiltered
Output		Ambien	t conditions
Number of phases	3 AC	Cooling	convection cooling
Rated voltage	400 V	Installation altitude	1000 m (3281 ft)
Rated power (HO)	0.55 kW / 0.75 hp		1000 111 (3201 11)
Rated power (LO)	0.55 kW / 0.75 hp	Ambient temperature	10 6006 (14 14005)
Rated current (HO)	1.70 A	Operation	-10 60 °C (14 140 °F)
Rated current (LO)	1.70 A	Storage	-40 70 °C (-40 158 °F)
Rated current (HO) at 480V	1.70 A	Relative humidity	
Rated current (LO) at 480V	1.70 A	Max. operation	95 %
Pulse frequency	4.00 kHz	Comm	unication
Output frequency	0 550 Hz	Communication	USS, Modbus RTU
		Sta	ndards
		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	Wall mounting / side-by-side mounting	
Degree of protection	IP20 / UL open type	
Size	FSA	
Net weight	0.90 kg (1.98 lb)	
Width	90.0 mm (3.54 in)	
Height	150.0 mm (5.91 in)	
Depth	145.5 mm (5.73 in)	
Innuite / eutroite		

Inputs / outputs

Standard digital inputs

Number 4

Digital outputs

Number as relay changeover contact	1	
Number as transistor	1	

Analog inputs

Number	2 (Can be used as additional digital input)

Analog outputs

Number	1
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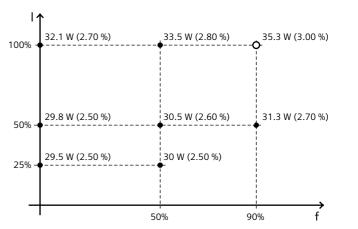
Connections

Max. motor cable length

Shielded	10 m (33 ft)	
Unshielded	50 m (164 ft)	

Converter losses to IEC61800-9-2*

Efficiency class	IE2
Comparison with the reference converter (90% / 100%)	22.70 %



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 IEC61800-9-2) 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.

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^{*}converted values