



Figure similar

MLFB-Ordering data

6SL3210-5BB21-5UV0

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	1 AC	Offset factor $\cos \phi$	0.95
Line voltage	200 ... 240 V -10 % +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	230 V	Installation altitude	1000 m (3281 ft)
Rated power (HO)	1.50 kW / 2.00 hp	Ambient temperature	
Rated power (LO)	1.50 kW / 2.00 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated current (HO)	7.80 A	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (LO)	7.80 A	Relative humidity	
Pulse frequency	8.00 kHz	Max. operation	95 %
Output frequency	0 ... 550 Hz	Communication	
		Communication	USS, Modbus RTU
		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	FSB
Net weight	1.60 kg (3.53 lb)
Width	140.0 mm (5.51 in)
Height	160.0 mm (6.30 in)
Depth	164.5 mm (6.48 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)