



Figure similar

MLFB-Ordering data

6SL3210-5BB23-0UV0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data

Input

Number of phases	1 AC
Line voltage	200 ... 240 V -10 % +10 %
Line frequency	47 ... 63 Hz

Output

Number of phases	3 AC	
Rated voltage	230V IEC	240V NEC ¹⁾
Rated power (LO)	3.00 kW	4.00 hp
Rated power (HO)	3.00 kW	4.00 hp
Rated current (LO)	13.60 A	13.60 A
Rated current (HO)	13.60 A	13.60 A
Rated current (IN)	13.60 A	
Pulse frequency	8.00 kHz	
Output frequency	0 ... 550 Hz	

General tech. specifications

Power factor λ	0.72
Offset factor $\cos \varphi$	0.95
Efficiency η	0.98
Filter class (integrated)	Unfiltered

Ambient conditions

Cooling	External fan
Installation altitude	1000 m (3281 ft)
Ambient temperature	
Operation	-10 ... 60 °C (14 ... 140 °F)
Storage	-40 ... 70 °C (-40 ... 158 °F)

Relative humidity

Max. operation	95 %
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Communication

Communication	USS, Modbus RTU
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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	FSC
Net weight	2.80 kg (6.17 lb)
Width	184.0 mm (7.24 in)
Height	182.0 mm (7.17 in)
Depth	169.0 mm (6.65 in)

Connections

Max. motor cable length

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

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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¹⁾ The output current and HP ratings are valid for the voltage range 220V-240V