



Figure similar

Ordering data

6SL3210-5BB21-1UV0

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	230 V
Rated power (HO)	1.10 kW / 1.50 hp
Rated power (LO)	1.10 kW / 1.50 hp
Rated current (HO)	6.00 A
Rated current (LO)	6.00 A

Pulse frequency 2 kHz

Output frequency 0 ... 550 Hz

General tech. specifications

Power factor λ	0.72
Offset factor $\cos \varphi$	0.95
Efficiency η	0.98

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
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
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Number as transistor	1
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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)