

Article No. : **6SL3210-5BB12-5BV1**



Figure similar

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 -15 % +10 %
Line frequency	47 ... 63 Hz
Output	
Number of phases	3 AC
Rated voltage	230V IEC 240V NEC¹⁾
Rated power (LO)	0.25 kW
Rated power (HO)	0.25 kW
Rated current (LO)	1.70 A
Rated current (HO)	1.70 A
Rated current (IN)	1.70 A
Pulse frequency	8.00 kHz
Output frequency	0 ... 550 Hz
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
General tech. specifications	
Power factor λ	0.72
Offset factor $\cos \varphi$	0.95
Efficiency η	0.98
Filter class (integrated)	Class B
With integrated braking chopper	No
Communication	
Communication	USS, Modbus RTU
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

Ambient conditions	
Cooling	convection cooling
Installation altitude	1,000 m (3,280.84 ft)
Ambient temperature	
Operation ²⁾	-10 ... 60 °C (14 ... 140 °F)
Storage	-40 ... 70 °C (-40 ... 158 °F)
Relative humidity	
Max. operation	95 %
Connections	
Max. motor cable length	
Shielded	25 m (82.02 ft)
Unshielded	50 m (164.04 ft)
Mechanical data	
Mounting position	Wall mounting / side-by-side mounting
Degree of protection	IP20 / UL open type
Frame size	FSAA
Net weight	0.60 kg (1.32 lb)
Dimensions	
Width	68.0 mm (2.68 in)
Height	142.0 mm (5.59 in)
Depth	107.8 mm (4.24 in)
Standards	
Compliance with standards	CE, cULus, C-Tick (RCM), KC
CE marking	EN 61800-5-1 /EN 60204-1 and EN 61800-3

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

²⁾Please observe derating at temperatures of 40 °C or above