



Ordering data

6SL3210-5BE27-5CV0

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	3 AC	Offset factor $\cos \varphi$	0.95
Line voltage	380 ... 480 V -15 % +10 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Ambient conditions	
Output		Cooling	External fan
Number of phases	3 AC	Installation altitude	1000 m (3281 ft)
Rated voltage	400 V	Ambient temperature	
Rated power (HO)	7.50 kW / 10.00 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	7.50 kW / 10.00 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	16.50 A	Relative humidity	
Rated current (LO)	16.50 A	Max. operation	95 %
Rated current (HO) at 480V	16.50 A	Communication	
Rated current (LO) at 480V	16.50 A	Communication	USS, Modbus RTU
Pulse frequency	2 kHz	Standards	
Output frequency	0 ... 550 Hz	Compliance with standards	CE, cULus, C-tick, 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

Ordering data

6SL3210-5BE27-5CV0



Mechanical data

Mounting position	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20
Size	FSD
Net weight	4.00 kg
Width	240.0 mm (9.45 in)
Height	206.5 mm (8.13 in)
Depth	172.5 mm (6.79 in)

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
--------	---

Connections

Max. motor cable length

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