

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SL3210-5BE24-0UV0

SINAMICS V20 4 KW INVERTER

Used with the applicable SINAMICS V20 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens manufacturer data for 6SL3210-5BE24-0UV0



Ordering data

6SL3210-5BE24-0UV0

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 $\cos \phi$	0,95
Line voltage	380 ... 480 V +10 % -15 %	Efficiency η	0,98
Line frequency	47 ... 63 Hz	Ambient conditions	
Output		Cooling	Ventilatore esterno
Number of phases	3 AC	Installation altitude	1000 m
Rated voltage	400 V	Ambient temperature	
Rated power (HO)	4,00 kW / 5,00 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	4,00 kW / 5,00 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	8,80 A	Relative humidity	
Rated current (LO)	8,80 A	Max. operation	95 %
Rated current (HO) at 480V	8,20 A	Communication	
Rated current (LO) at 480V	8,20 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 e EN 61800-3

Overload capability

Low Overload (LO)

110 % corrente di uscita nominale per 60 s, tempo di ciclo 300 s

High Overload (HO)

150 % corrente di uscita nominale per 60 s, tempo di ciclo 300 s



Ordering data

6SL3210-5BE24-0UV0

Mechanical data		Connections	
Mounting position	Montaggio passante / montaggio a parete / montaggio affiancato	Max. motor cable length	
Degree of protection	IP20	Shielded	25 m
Size	FSB	Unshielded	50 m
Net weight	1,60 kg		
Width	140,0 mm		
Height	160,0 mm		
Depth	164,5 mm		
Inputs/ outputs			
Standard digital inputs			
Number	4		
Digital outputs			
Number as relay changeover contact	1		
Number as transistor	1		
Analog inputs			
Number	2 (Utilizzabile come ingresso digitale aggiuntivo)		
Analog outputs			
Number	1		