

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SL3210-5BE23-0UV0

SINAMICS V20 3 KW BASIC CONVERTER

Used with the applicable SINAMICS V20 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens manufacturer document for 6SL3210-5BE23-0UV0

MLFB-Ordering data

6SL3210-5BE23-0UV0



Figure similar

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)	3.00 kW / 4.00 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	3.00 kW / 4.00 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	7.30 A	Relative humidity	
Rated current (LO)	7.30 A	Max. operation	95 %
Rated current (HO) at 480V	7.30 A	Communication	
Rated current (LO) at 480V	7.30 A	Communication	USS, Modbus RTU
Pulse frequency	2.00 kHz	Standards	
Output frequency	0 ... 550 Hz	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

MLFB-Ordering data

6SL3210-5BE23-0UV0



Figure similar

Mechanical data		Connections	
Mounting position	Through-hole mounting / wall mounting / side-by-side mounting	Max. motor cable length	
Degree of protection	IP20	Shielded	25 m (82 ft)
Size	FSB	Unshielded	50 m (164 ft)
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		
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		