

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Amikon cover with selected official Siemens pages




SINAMICS V20

6SL3210-5BE15-5UV0

SINAMICS V20 0.55 KW CONVERTER

OFFICIAL SOURCES

Siemens official product documentation for 6SL3210-5BE15-5UV0. Selected pages retain their original content, color and aspect ratio.



Ordering data

6SL3210-5BE15-5UV0

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 +10 % -15 %	Efficiency η	0.98
Line frequency	47 ... 63 Hz	Ambient conditions	
Output		Cooling	convection cooling
Number of phases	3 AC	Installation altitude	1000 m
Rated voltage	400 V	Ambient temperature	
Rated power (HO)	0.55 kW / 0.75 hp	Operation	-10 ... 60 °C (14 ... 140 °F)
Rated power (LO)	0.55 kW / 0.75 hp	Storage	-40 ... 70 °C (-40 ... 158 °F)
Rated current (HO)	1.70 A	Relative humidity	
Rated current (LO)	1.70 A	Max. operation	95 %
Rated current (HO) at 480V	1.70 A	Communication	
Rated current (LO) at 480V	1.70 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

6SL3210-5BE15-5UV0



Mechanical data

Mounting position	wall mounting / side-by-side design
Degree of protection	IP20
Size	FSA
Net weight	0.90 kg
Width	90.0 mm
Height	150.0 mm
Depth	145.5 mm

Inputs/ outputs

Standard digital inputs

Number	4
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Digital outputs

Number as relay changeover contact	1
Number as transistor	1

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	10 m
Unshielded	50 m