



Figure similar

### MLFB-Ordering data

6SL3210-5BE31-8CV0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
<b>Input</b>		<b>Power factor <math>\lambda</math></b>	0.72
<b>Number of phases</b>	3 AC	<b>Offset factor <math>\cos \varphi</math></b>	0.95
<b>Line voltage</b>	380 ... 480 V -15 % +10 %	<b>Efficiency <math>\eta</math></b>	0.98
<b>Line frequency</b>	47 ... 63 Hz	<b>Ambient conditions</b>	
<b>Output</b>		<b>Cooling</b>	External fan
<b>Number of phases</b>	3 AC	<b>Installation altitude</b>	1000 m (3281 ft)
<b>Rated voltage</b>	400 V	<b>Ambient temperature</b>	
<b>Rated power (HO)</b>	18.50 kW / 25.00 hp	<b>Operation</b>	-10 ... 60 °C (14 ... 140 °F)
<b>Rated power (LO)</b>	22.00 kW / 30.00 hp	<b>Storage</b>	-40 ... 70 °C (-40 ... 158 °F)
<b>Rated current (HO)</b>	38.00 A	<b>Relative humidity</b>	
<b>Rated current (LO)</b>	45.00 A	<b>Max. operation</b>	95 %
<b>Rated current (HO) at 480V</b>	34.00 A	<b>Communication</b>	
<b>Rated current (LO) at 480V</b>	40.00 A	<b>Communication</b>	USS, Modbus RTU
<b>Pulse frequency</b>	4.00 kHz	<b>Standards</b>	
<b>Output frequency</b>	0 ... 550 Hz	<b>Compliance with standards</b>	CE, cULus, C-Tick (RCM), KC
		<b>CE marking</b>	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



Figure similar

### Mechanical data

Mounting position	Through-hole mounting / wall mounting / side-by-side mounting
Degree of protection	IP20
Size	FSE
Net weight	6.79 kg ( 14.97 lb )
Width	245.0 mm ( 9.65 in )
Height	264.5 mm ( 10.41 in )
Depth	209.0 mm ( 8.23 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	50 m (164 ft)
Unshielded	100 m (328 ft)