



Figure similar

### MLFB-Ordering data

6SL3210-5BB22-2UV1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

### Rated data

#### Input

Number of phases	1 AC
Line voltage	200 ... 240 V -15 % +10 %
Line frequency	47 ... 63 Hz

#### Output

Number of phases	3 AC
Rated voltage	230 V
Rated power (HO)	2.20 kW / 3.00 hp
Rated power (LO)	2.20 kW / 3.00 hp
Rated current (HO)	11.00 A
Rated current (LO)	11.00 A

Pulse frequency	8.00 kHz
Output frequency	0 ... 550 Hz

### General tech. specifications

Power factor $\lambda$	0.72
Offset factor $\cos \varphi$	0.95
Efficiency $\eta$	0.98
Filter class (integrated)	Unfiltered

### Ambient conditions

Cooling	External fan
Installation altitude	1000 m (3281 ft)

#### Ambient temperature

Operation	-10 ... 60 °C (14 ... 140 °F)
Storage	-40 ... 70 °C (-40 ... 158 °F)

#### Relative humidity

Max. operation	95 %
----------------	------

### Communication

Communication	USS, Modbus RTU
---------------	-----------------

### Standards

Compliance with standards	CE, cULus, C-Tick (RCM)
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



Figure similar

Mechanical data	Connections
-----------------	-------------

<b>Mounting position</b>	Wall mounting / side-by-side mounting
<b>Degree of protection</b>	IP20
<b>Size</b>	FSAD
<b>Net weight</b>	1.90 kg ( 4.19 lb )
<b>Width</b>	136.6 mm ( 5.38 in )
<b>Height</b>	176.5 mm ( 6.95 in )
<b>Depth</b>	158.8 mm ( 6.25 in )

Max. motor cable length	
<b>Shielded</b>	25 m (82 ft)
<b>Unshielded</b>	50 m (164 ft)

Inputs / outputs
------------------

### Standard digital inputs

<b>Number</b>	4
---------------	---

### Digital outputs

<b>Number as relay changeover contact</b>	1
<b>Number as transistor</b>	1

### Analog inputs

<b>Number</b>	2 (Can be used as additional digital input)
---------------	---

### Analog outputs

<b>Number</b>	1
---------------	---