



Figure similar

### MLFB-Ordering data

6SL3210-5BB23-0BV1

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)	3.00 kW / 4.00 hp
Rated power (LO)	3.00 kW / 4.00 hp
Rated current (HO)	13.60 A
Rated current (LO)	13.60 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)	Class B

### 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

Mounting position	Wall mounting / side-by-side mounting
Degree of protection	IP20
Size	FSAD
Net weight	2.20 kg ( 4.85 lb )
Width	136.6 mm ( 5.38 in )
Height	176.5 mm ( 6.95 in )
Depth	158.8 mm ( 6.25 in )

### Connections

#### Max. motor cable length

Shielded	25 m (82 ft)
Unshielded	50 m (164 ft)

### 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
--------	---