



Figure similar

MLFB-Ordering data

6SL3210-5BB21-1UV0

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 | 1 AC | Offset factor $\cos \phi$ | 0.95 |
| Line voltage | 200 ... 240 V -10 % +10 % | Efficiency η | 0.98 |
| Line frequency | 47 ... 63 Hz | Filter class (integrated) | Unfiltered |
| Output | | Ambient conditions | |
| Number of phases | 3 AC | Cooling | External fan |
| Rated voltage | 230 V | Installation altitude | 1000 m (3281 ft) |
| Rated power (HO) | 1.10 kW / 1.50 hp | Ambient temperature | |
| Rated power (LO) | 1.10 kW / 1.50 hp | Operation | -10 ... 60 °C (14 ... 140 °F) |
| Rated current (HO) | 6.00 A | Storage | -40 ... 70 °C (-40 ... 158 °F) |
| Rated current (LO) | 6.00 A | Relative humidity | |
| Pulse frequency | 8.00 kHz | Max. operation | 95 % |
| Output frequency | 0 ... 550 Hz | Communication | |
| | | Communication | USS, Modbus RTU |
| | | Standards | |
| | | 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



Figure similar

Mechanical data

| | |
|----------------------|---|
| Mounting position | Through-hole mounting / wall mounting / side-by-side mounting |
| Degree of protection | IP20 / UL open type |
| Size | FSB |
| 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) |

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 |
|--------|---|