



Figure similar

Ordering data

6SL3210-5BE31-5UV0

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 -15 % +10 % | Efficiency η 0.98 |
| Line frequency 47 ... 63 Hz | Ambient conditions |
| Output | Cooling External fan |
| Number of phases 3 AC | Installation altitude 1000 m (3281 ft) |
| Rated voltage 400 V | Ambient temperature |
| Rated power (HO) 15.00 kW / 20.00 hp | Operation -10 ... 60 °C (14 ... 140 °F) |
| Rated power (LO) 15.00 kW / 20.00 hp | Storage -40 ... 70 °C (-40 ... 158 °F) |
| Rated current (HO) 31.00 A | Relative humidity |
| Rated current (LO) 31.00 A | Max. operation 95 % |
| Rated current (HO) at 480V 31.00 A | Communication |
| Rated current (LO) at 480V 31.00 A | Communication USS, Modbus RTU |
| Pulse frequency 2 kHz | Standards |
| Output frequency 0 ... 550 Hz | 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



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Mechanical data

| | |
|----------------------|---|
| Mounting position | Through-hole mounting / wall mounting / side-by-side mounting |
| Degree of protection | IP20 |
| Size | FSD |
| Net weight | 3.90 kg (8.60 lb) |
| Width | 240.0 mm (9.45 in) |
| Height | 206.5 mm (8.13 in) |
| Depth | 172.5 mm (6.79 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 |
|--------|---|