



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 +10 % -15 % | Efficiency η | 0.98 |
| Line frequency | 47 ... 63 Hz | Ambient conditions | |
| Output | | Cooling | External fan |
| Number of phases | 3 AC | Installation altitude | 1000 m |
| 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, 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 | Push-through mounting, wall mounting, side-by-side mounting |
| Degree of protection | IP20 |
| Size | FSD |
| Net weight | 3.90 kg |
| Width | 240.0 mm |
| Height | 206.5 mm |
| Depth | 172.5 mm |

Connections

Max. motor cable length

| | |
|------------|------|
| Shielded | 25 m |
| Unshielded | 50 m |

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