



Figure similar

### Ordering data

6SL3210-5BB21-5UV0

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

| Rated data                                    | General tech. specifications                                 |
|---|--|
| <b>Input</b>                                  | <b>Power factor <math>\lambda</math></b> 0.72                |
| <b>Number of phases</b> 1 AC                  | <b>Offset factor <math>\cos \varphi</math></b> 0.95          |
| <b>Line voltage</b> 200 ... 240 V -10 % +10 % | <b>Efficiency <math>\eta</math></b> 0.98                     |
| <b>Line frequency</b> 47 ... 63 Hz            | <b>Ambient conditions</b>                                    |
| <b>Output</b>                                 | <b>Cooling</b> External fan                                  |
| <b>Number of phases</b> 3 AC                  | <b>Installation altitude</b> 1000 m (3281 ft)                |
| <b>Rated voltage</b> 230 V                    | <b>Ambient temperature</b>                                   |
| <b>Rated power (HO)</b> 1.50 kW / 2.00 hp     | <b>Operation</b> -10 ... 60 °C (14 ... 140 °F)               |
| <b>Rated power (LO)</b> 1.50 kW / 2.00 hp     | <b>Storage</b> -40 ... 70 °C (-40 ... 158 °F)                |
| <b>Rated current (HO)</b> 7.80 A              | <b>Relative humidity</b>                                     |
| <b>Rated current (LO)</b> 7.80 A              | <b>Max. operation</b> 95 %                                   |
| <b>Pulse frequency</b> 2 kHz                  | <b>Communication</b>   |
| <b>Output frequency</b> 0 ... 550 Hz          | <b>Communication</b> USS, Modbus RTU                         |
|   | <b>Standards</b>   |
|   | <b>Compliance with standards</b> CE, cULus, C-Tick (RCM), KC |
|   | <b>CE marking</b> 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

Ordering data

6SL3210-5BB21-5UV0

### Mechanical data

|                      |   |
|----------------------|---|
| Mounting position    | Through-hole mounting / wall mounting / side-by-side mounting |
| Degree of protection | IP20  |
| 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 )  |

### 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 |
|--------|---|

### Connections

#### Max. motor cable length

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