



Figure similar

### MLFB-Ordering data

6SL3210-5BB13-7BV1

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                                    |
| Number of phases                                      | 1 AC                      | <b>Offset factor <math>\cos \varphi</math></b> | 0.95                                    |
| Line voltage  | 200 ... 240 V -15 % +10 % | <b>Efficiency <math>\eta</math></b>            | 0.98                                    |
| Line frequency  | 47 ... 63 Hz              | <b>Ambient conditions</b>                      |   |
| <b>Output</b>   |                           | <b>Cooling</b>                                 | convection cooling                      |
| Number of phases                                      | 3 AC                      | <b>Installation altitude</b>                   | 1000 m (3281 ft)                        |
| Rated voltage   | 230 V                     | <b>Ambient temperature</b>                     |   |
| Rated power (HO)                                      | 0.37 kW / 0.50 hp         | <b>Operation</b>                               | -10 ... 60 °C (14 ... 140 °F)           |
| Rated power (LO)                                      | 0.37 kW / 0.37 hp         | <b>Storage</b>                                 | -40 ... 70 °C (-40 ... 158 °F)          |
| Rated current (HO)                                    | 2.30 A                    | <b>Relative humidity</b>                       |   |
| Rated current (LO)                                    | 2.30 A                    | <b>Max. operation</b>                          | 95 %                                    |
| <b>Pulse frequency</b>                                |                           | <b>Communication</b>                           |   |
| Pulse frequency                                       | 8.00 kHz                  | <b>Communication</b>                           | USS, Modbus RTU                         |
| <b>Output frequency</b>                               | 0 ... 550 Hz              | <b>Standards</b>                               |   |
| <b>Overload capability</b>                            |                           | <b>Compliance with standards</b>               | CE, cULus, C-Tick (RCM), KC             |
| <b>Low Overload (LO)</b>                              |                           | <b>CE marking</b>                              | EN 61800-5-1 /EN 60204-1 and EN 61800-3 |
| 110 % rated output current for 60 s, cycle time 300 s |                           |  |   |
| <b>High Overload (HO)</b>                             |                           |  |   |
| 150 % rated output current for 60 s, cycle time 300 s |                           |  |   |



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### Mechanical data

|                      |                                       |
|----------------------|---------------------------------------|
| Mounting position    | Wall mounting / side-by-side mounting |
| Degree of protection | IP20                                  |
| Size                 | FSAA                                  |
| Net weight           | 0.60 kg ( 1.32 lb )                   |
| Width                | 68.0 mm ( 2.68 in )                   |
| Height               | 142.0 mm ( 5.59 in )                  |
| Depth                | 107.8 mm ( 4.24 in )                  |

### Connections

#### Max. motor cable length

|            |               |
|------------|---------------|
| Shielded   | 25 m (33 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 |
|--------|---|