

### MLFB-Ordering data

6SL3210-5BE17-5CV0



Figure similar

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>           | 3 AC                      | <b>Offset factor <math>\cos \varphi</math></b> | 0.95                                    |
| <b>Line voltage</b>               | 380 ... 480 V -15 % +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>                                 | convection cooling                      |
| <b>Number of phases</b>           | 3 AC                      | <b>Installation altitude</b>                   | 1000 m (3281 ft)                        |
| <b>Rated voltage</b>              | 400 V                     | <b>Ambient temperature</b>                     |                                         |
| <b>Rated power (HO)</b>           | 0.75 kW / 1.00 hp         | <b>Operation</b>                               | -10 ... 60 °C (14 ... 140 °F)           |
| <b>Rated power (LO)</b>           | 0.75 kW / 1.00 hp         | <b>Storage</b>                                 | -40 ... 70 °C (-40 ... 158 °F)          |
| <b>Rated current (HO)</b>         | 2.20 A                    | <b>Relative humidity</b>                       |                                         |
| <b>Rated current (LO)</b>         | 2.20 A                    | <b>Max. operation</b>                          | 95 %                                    |
| <b>Rated current (HO) at 480V</b> | 2.20 A                    | <b>Communication</b>                           |                                         |
| <b>Rated current (LO) at 480V</b> | 2.20 A                    | <b>Communication</b>                           | USS, Modbus RTU                         |
| <b>Pulse frequency</b>            | 2.00 kHz                  | <b>Standards</b>                               |                                         |
| <b>Output frequency</b>           | 0 ... 550 Hz              | <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

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| Mechanical data      |                                       | Connections             |               |
|----------------------|---------------------------------------|-------------------------|---------------|
| Mounting position    | Wall mounting / side-by-side mounting | Max. motor cable length |               |
| Degree of protection | IP20                                  | Shielded                | 10 m (33 ft)  |
| Size                 | FSA                                   | Unshielded              | 50 m (164 ft) |
| Net weight           | 1.00 kg ( 2.20 lb )                   |                         |               |
| Width                | 90.0 mm ( 3.54 in )                   |                         |               |
| Height               | 150.0 mm ( 5.91 in )                  |                         |               |
| Depth                | 145.5 mm ( 5.73 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                                           |