

### **MLFB-Ordering data**

6SL3210-5BE22-2UV0



Figure similar

Client order no. : Order no. : Offer no. : Remarks : Item no. : Consignment no. : Project :

| Rated data                 |                       | General tech. specifications |                                      |
|----------------------------|-----------------------|------------------------------|--------------------------------------|
| nput                       |                       | Power factor λ               | 0.72                                 |
| Number of phases           | 3 AC                  | Offset factor cos φ          | 0.95                                 |
| Line voltage               | 380 480 V -15 % +10 % | Efficiency η                 | 0.98                                 |
| Line frequency             | 47 63 Hz              | Filter class (integrated)    | Unfiltered                           |
| Output                     |                       | Ambient conditions           |                                      |
| Number of phases           | 3 AC                  | Cooling                      | External fan                         |
| Rated voltage              | 400 V                 | Installation altitude        | 1000 m (3281 ft)                     |
| Rated power (HO)           | 2.20 kW / 3.00 hp     |                              | 1000 111 (3201 10)                   |
| Rated power (LO)           | 2.20 kW / 3.00 hp     | Ambient temperature          |                                      |
| Rated current (HO)         | 5.60 A                | Operation                    | -10 60 °C (14 140 °F)                |
| Rated current (LO)         | 5.60 A                | Storage                      | -40 70 °C (-40 158 °F)               |
| Rated current (HO) at 480V | 4.80 A                | Relative humidity            |                                      |
| Rated current (LO) at 480V | 4.80 A                | Max. operation               | 95 %                                 |
| Pulse frequency            | 4.00 kHz              | Communication                |                                      |
| Output frequency           | 0 550 Hz              | Communication                | USS, Modbus RTU                      |
|                            |                       | Standards                    |                                      |
|                            |                       | Compliance with standards    | CE, cULus, C-Tick (RCM), KC          |
|                            |                       | CE marking                   | EN 61800-5-1 /EN 60204-1 and 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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Figure similar

|                                       |                      |   |                         | Figur         | simi |
|---------------------------------------|----------------------|---|-------------------------|---------------|------|
| Mechanical data                       |                      |   | Connections             |               |      |
| Mounting position                     | Wall moun            | ting / side-by-side mounting                | Max. motor cable length |               |      |
|                                       |                      | Shielded                                    | 10 m (33 ft)            |               |      |
| Degree of protection                  | IP20 / UL open type  |   | Unshielded              | 50 m (164 ft) |      |
| Size FSA                              |                      |   |                         |               |      |
| <b>Net weight</b> 1.00 kg ( 2.20 lb ) |                      |   |                         |               |      |
| Width 90.0 mm ( 3.54 in )             |                      |   |                         |               |      |
| Height                                | 166.0 mm ( 6.54 in ) |   |                         |               |      |
| Depth                                 | 145.5 mm             | ( 5.73 in )                                 |                         |               |      |
| Inputs / outputs                      |                      |   |                         |               |      |
| Standard digital inputs               |                      |   | _                       |               |      |
| Number                                |                      | 4   |                         |               |      |
| Digital outputs                       |                      |   |                         |               |      |
| Number as relay changeover o          | contact              | 1   |                         |               |      |
| Number as transistor                  |                      | 1   |                         |               |      |
|                                       |                      |   |                         |               |      |
| Analog inputs                         |                      |   |                         |               |      |
| Number                                |                      | 2 (Can be used as additional digital input) |                         |               |      |
| Analog outputs                        |                      |   |                         |               |      |
| Number                                |                      | 1   |                         |               |      |
|                                       |                      |   |                         |               |      |