

## **MLFB-Ordering data**

6SL3210-5BE31-1UV0



Figure similar

| Client order no. : |
|--------------------|
| Order no. :        |
| Offer no. :        |
| Remarks :          |

| Item no. :        |
|-------------------|
| Consignment no. : |
| Project :         |

| Rated data                 |                       | General tecl                     | General tech. specifications               |  |
|----------------------------|-----------------------|----------------------------------|--|--|
| Input                      |                       | Power factor $\lambda$           | 0.72                                       |  |
| Number of phases           | 3 AC                  | Offset factor $\cos \phi$        | 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)           | 11.00 kW / 15.00 hp   |                                  | 1000 m (320 m)                             |  |
| Rated power (LO)           | 11.00 kW / 15.00 hp   | Ambient temperature<br>Operation | 10 60 °C (14 140 °E)                       |  |
| Rated current (HO)         | 25.00 A               |                                  | -10 60 °C (14 140 °F)                      |  |
| Rated current (LO)         | 25.00 A               | Storage                          | -40 70 °C (-40 158 °F)                     |  |
| Rated current (HO) at 480V | 21.00 A               | Relative humidity                |  |  |
| Rated current (LO) at 480V | 21.00 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 EN<br>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

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.





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Figure similar

| Mechanical data                |   | Connections            |               |
|--------------------------------|---|------------------------|---------------|
| Mounting position Th           | rough-hole mounting / wall mounting /<br>e-by-side mounting | Max. motor cable lengt | h             |
|                                |   | Shielded               | 25 m (82 ft)  |
|                                | 0 / UL open type  | Unshielded             | 50 m (164 ft) |
| Size FS                        |   |                        |               |
|                                | '0 kg ( 8.16 lb )   |                        |               |
| Width 24                       | 0.0 mm ( 9.45 in )  |                        |               |
| Height 20                      | 6.5 mm ( 8.13 in )  |                        |               |
| Depth 17                       | 2.5 mm ( 6.79 in )  |                        |               |
| Inputs / outputs               |   | ]                      |               |
| tandard digital inputs         |   | _                      |               |
| Number                         | 4   |                        |               |
| Digital outputs                |   |                        |               |
| Number as relay changeover con | act 1   |                        |               |
| Number as transistor           | 1   |                        |               |
| Analog inputs                  |   |                        |               |
| Number                         | 2 (Can be used as additional digital input)                 |                        |               |
| Analog outputs                 |   |                        |               |
| Number                         | 1   |                        |               |

