



Figure similar

### MLFB-Ordering data

6SL3211-0AB12-5UB1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

### Rated data

#### Input

|                  |                          |
|------------------|--------------------------|
| Number of phases | 1 AC                     |
| Line voltage     | 200 ... 240 V $\pm$ 10 % |
| Line frequency   | 47 ... 63 Hz             |
| Rated current    | 4.50 A                   |

#### Output

|                                  |              |
|----------------------------------|--------------|
| Number of phases                 | 3 AC         |
| Rated power                      | 0.25 kW      |
| Rated current (IN)               | 1.70 A       |
| Pulse frequency                  | 8 kHz        |
| Output frequency for V/f control | 0 ... 650 Hz |

As a result of legal stipulations, a limit to 550 Hz is in production

### General tech. specifications

|                              |      |
|------------------------------|------|
| Offset factor $\cos \varphi$ | 0.95 |
|------------------------------|------|

### Communication

|               |       |
|---------------|-------|
| Communication | RS485 |
|---------------|-------|

### Mechanical data

|                      |                     |
|----------------------|---------------------|
| Degree of protection | IP20 / UL open type |
| Size                 | FSA                 |
| Net weight           | 0.70 kg             |
| Width                | 90.0 mm             |
| Height               | 150.0 mm            |
| Depth                | 116.0 mm            |

### Ambient conditions

|                       |        |
|-----------------------|--------|
| Installation altitude | 1000 m |
|-----------------------|--------|

#### Ambient temperature

|           |               |
|-----------|---------------|
| Operation | -10 ... 40 °C |
| Storage   | -40 ... 70 °C |

#### Relative humidity

|                |                                 |
|----------------|---------------------------------|
| Max. operation | 95 % condensation not permitted |
|----------------|---------------------------------|

### Closed-loop control techniques

|   |     |
|---|-----|
| V/f linear / square-law / parameterizable | Yes |
|---|-----|

### Standards

|                           |                                  |
|---------------------------|----------------------------------|
| Compliance with standards | UL, cUL, CE, C-Tick (RCM)        |
| CE marking                | Low-voltage directive 2006/95/EC |

### Inputs / outputs

#### Digital inputs

|        |   |
|--------|---|
| Number | 3 |
|--------|---|

#### Digital outputs

|        |   |
|--------|---|
| Number | 1 (Isolated optocoupler output, NPN type) |
|--------|---|