



Figure similar

### MLFB-Ordering data

6SE6420-2UD21-1AA1

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> | 0.95          |
| <b>Number of phases</b>                 | 3 AC                     | <b>Efficiency <math>\eta</math></b>      | 0.96          |
| <b>Line voltage</b>                     | 380 ... 480 V $\pm 10$ % | <b>Ambient conditions</b>                |               |
| <b>Line frequency</b>                   | 47 ... 63 Hz             | <b>Cooling</b>                           | Fan           |
| <b>Rated current (HO)</b>               | 4.90 A                   | <b>Ambient temperature</b>               |               |
| <b>Output</b>                           |                          | <b>Operation (HO)</b>                    | -10 ... 50 °C |
| <b>Number of phases</b>                 | 3 AC                     | <b>Transport</b>                         | -40 ... 70 °C |
| <b>Rated voltage</b>                    | 480 V                    | <b>Storage</b>                           | -40 ... 70 °C |
| <b>Rated power (HO)</b>                 | 1.10 kW / 1.50 hp        |                                          |               |
| <b>Rated current (HO)</b>               | 3.00 A                   |                                          |               |
| <b>Pulse frequency</b>                  | 4000 Hz                  |                                          |               |
| <b>Output frequency for V/f control</b> | 0 ... 650 Hz             |                                          |               |

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

### Overload capability

#### High Overload (HO)

150 % output current for 60 s, followed by 100 % output current for 240 s in a 300 s cycle time



Figure similar

### Mechanical data

|                      |          |
|----------------------|----------|
| Degree of protection | IP20     |
| Size                 | FSA      |
| Net weight           | 1.00 kg  |
| Width                | 73.0 mm  |
| Height               | 173.0 mm |
| Depth                | 149.0 mm |

### Inputs / outputs

#### Standard digital inputs

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

#### Relay output

|        |   |
|--------|---|
| Number | 1 |
|--------|---|

#### Analog inputs

|        |   |
|--------|---|
| Number | 1 |
|--------|---|

#### Analog outputs

|        |   |
|--------|---|
| Number | 1 |
|--------|---|

### Connections

#### Motor end

|                         |                      |
|-------------------------|----------------------|
| Conductor cross-section | 2.50 mm <sup>2</sup> |
|-------------------------|----------------------|