



Figure similar

### MLFB-Ordering data

**6SE6420-2AB22-2BA1**

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

### Rated data

#### Input

|                       |                          |
|-----------------------|--------------------------|
| Number of phases      | 1 AC                     |
| <b>Line voltage</b>   | 200 ... 240 V $\pm 10\%$ |
| <b>Line frequency</b> | 47 ... 63 Hz             |

**Rated current (HO)** 20.20 A

#### Output

|   |                   |
|---|-------------------|
| <b>Number of phases</b>                 | 3 AC              |
| <b>Rated voltage</b>                    | 240 V             |
| <b>Rated power (HO)</b>                 | 2.20 kW / 3.00 hp |
| <b>Rated current (HO)</b>               | 10.40 A           |
| <b>Pulse frequency</b>                  | 16000 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

### General tech. specifications

**Power factor  $\lambda$**  0.95

**Efficiency  $\eta$**  0.96

### Ambient conditions

**Cooling** Fan

#### Ambient temperature

**Operation (HO)** -10 ... 50 °C

**Transport** -40 ... 70 °C

**Storage** -40 ... 70 °C

### 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

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### Mechanical data

|                      |          |
|----------------------|----------|
| Degree of protection | IP20     |
| Size                 | FSB      |
| Net weight           | 3.30 kg  |
| Width                | 149.0 mm |
| Height               | 202.0 mm |
| Depth                | 172.0 mm |

### Connections

#### Motor end

|                         |                      |
|-------------------------|----------------------|
| Conductor cross-section | 6.00 mm <sup>2</sup> |
|-------------------------|----------------------|

### Inputs / outputs

#### Standard digital inputs

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

#### Relay output

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

#### Analog inputs

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

#### Analog outputs

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