



Figure similar

### MLFB-Ordering data

6SE6440-2UC17-5AA1

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>                 | 1 / 3 AC                 | <b>Efficiency <math>\eta</math></b>      | 0.96          |
| <b>Line voltage</b>                     | 200 ... 240 V $\pm 10$ % | <b>Ambient conditions</b>                |               |
| <b>Line frequency</b>                   | 47 ... 63 Hz             | <b>Cooling</b>                           | Fan           |
| <b>Rated current (HO)</b>               | 8.20 A / 4.70 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>                    | 240 V                    | <b>Storage</b>                           | -40 ... 70 °C |
| <b>Rated power (HO)</b>                 | 0.75 kW / 1.00 hp        |                                          |               |
| <b>Rated current (HO)</b>               | 3.90 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

### 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

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### Mechanical data

|                      |                     |
|----------------------|---------------------|
| Degree of protection | IP20 / UL open type |
| Size                 | FSA                 |
| Net weight           | 1.30 kg             |
| Width                | 73.0 mm             |
| Height               | 173.0 mm            |
| Depth                | 149.0 mm            |

### Connections

#### Motor end

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

### Inputs / outputs

#### Standard digital inputs

|        |   |
|--------|---|
| Number | 6 |
|--------|---|

#### Relay output

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

#### Analog inputs

|        |   |
|--------|---|
| Number | 2 |
|--------|---|

#### Analog outputs

|        |   |
|--------|---|
| Number | 2 |
|--------|---|

#### PTC/ KTY interface

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