



Figure similar

MLFB-Ordering data

6SE6440-2UC13-7AA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

| Rated data                       |                          | General tech. specifications |               |
|----------------------------------|--------------------------|------------------------------|---------------|
| <b>Input</b>                     |                          | Power factor $\lambda$       | 0.95          |
| Number of phases                 | 1 / 3 AC                 | Efficiency $\eta$            | 0.96          |
| Line voltage                     | 200 ... 240 V $\pm 10\%$ | <b>Ambient conditions</b>    |               |
| Line frequency                   | 47 ... 63 Hz             | Cooling                      | Fan           |
| Rated current (HO)               | 4.60 A / 2.70 A          | <b>Ambient temperature</b>   |               |
| <b>Output</b>                    |                          | Operation (HO)               | -10 ... 50 °C |
| Number of phases                 | 3 AC                     | Transport                    | -40 ... 70 °C |
| Rated voltage                    | 240 V                    | Storage                      | -40 ... 70 °C |
| Rated power (HO)                 | 0.37 kW / 0.50 hp        |                              |               |
| Rated current (HO)               | 2.30 A                   |                              |               |
| Pulse frequency                  | 16000 Hz                 |                              |               |
| Output frequency for V/f control | 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      |                     | Connections             |                      |
|----------------------|---------------------|-------------------------|----------------------|
| Degree of protection | IP20 / UL open type | <b>Motor end</b>        |                      |
| Size                 | FSA                 | Conductor cross-section | 2.50 mm <sup>2</sup> |
| Net weight           | 1.30 kg             |                         |                      |
| Width                | 73.0 mm             |                         |                      |
| Height               | 173.0 mm            |                         |                      |
| Depth                | 149.0 mm            |                         |                      |

| Inputs / outputs               |   |
|--------------------------------|---|
| <b>Standard digital inputs</b> |   |
| Number                         | 6 |
| <b>Relay output</b>            |   |
| Number                         | 3 |
| <b>Analog inputs</b>           |   |
| Number                         | 2 |
| <b>Analog outputs</b>          |   |
| Number                         | 2 |
| <b>PTC/ KTY interface</b>      |   |
| Number                         | 1 |