



Figure similar

### MLFB-Ordering data

6SE6430-2AD31-8DA0

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 (LO)</b>               | 37.00 A                  | <b>Ambient temperature</b>               |               |
| <b>Output</b>                           |                          | <b>Operation (LO)</b>                    | -10 ... 40 °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 (LO)</b>                 | 18.50 kW / 25.00 hp      |                                          |               |
| <b>Rated current (LO)</b>               | 38.00 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

#### Low Overload (LO)

140 % output current for 3 s, followed by 110 % output current for 57 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 | Motor end               |           |
| Size                    | FSD                 | Conductor cross-section | 35.00 mm² |
| Net weight              | 17.00 kg            |                         |           |
| Width                   | 275.0 mm            |                         |           |
| Height                  | 520.0 mm            |                         |           |
| Depth                   | 245.0 mm            |                         |           |
| Inputs / outputs        |                     |                         |           |
| Standard digital inputs |                     |                         |           |
| Number                  | 6                   |                         |           |
| Relay output            |                     |                         |           |
| Number                  | 3                   |                         |           |
| Analog inputs           |                     |                         |           |
| Number                  | 2                   |                         |           |
| Analog outputs          |                     |                         |           |
| Number                  | 2                   |                         |           |
| PTC/ KTY interface      |                     |                         |           |
| Number                  | 1                   |                         |           |