



Figure similar

MLFB-Ordering data                      6SE6440-2UC31-8EA1

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

| Rated data                       |                          | General tech. specifications |               |
|----------------------------------|--------------------------|------------------------------|---------------|
| Input                            |                          | Power factor $\lambda$       | 0.95          |
| Number of phases                 | 3 AC                     | Efficiency $\eta$            | 0.96          |
| Line voltage                     | 200 ... 240 V $\pm 10\%$ | Ambient conditions           |               |
| Line frequency                   | 47 ... 63 Hz             | Cooling                      | Fan           |
| Rated current (LO)               | 71.00 A                  | Ambient temperature          |               |
| Rated current (HO)               | 62.00 A                  | Operation (LO)               | -10 ... 40 °C |
| Output                           |                          | Operation (HO)               | -10 ... 50 °C |
| Number of phases                 | 3 AC                     | Transport                    | -40 ... 70 °C |
| Rated voltage                    | 240 V                    | Storage                      | -40 ... 70 °C |
| Rated power (LO)                 | 22.00 kW / 30.00 hp      |                              |               |
| Rated power (HO)                 | 18.50 kW / 25.00 hp      |                              |               |
| Rated current (LO)               | 80.00 A                  |                              |               |
| Rated current (HO)               | 68.00 A                  |                              |               |
| Pulse frequency                  | 4000 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

#### 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

#### 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 | Motor end               |           |
| Frame size           | FSE                 | Conductor cross-section | 35.00 mm² |
| Net weight           | 20.00 kg            |                         |           |
| Width                | 275.0 mm            |                         |           |
| Height               | 650.0 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 |