



Figure similar

MLFB-Ordering data

6SE6440-2AD34-5FA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

| Rated data | | General tech. specifications | |
|---|--------------------------|--|---------------|
| Input | | Power factor λ | 0.95 |
| Number of phases | 3 AC | Efficiency η | 0.96 |
| Line voltage | 380 ... 480 V ± 10 % | Ambient conditions | |
| Line frequency | 47 ... 63 Hz | Cooling | Fan |
| Rated current (LO) | 104.00 A | Ambient temperature | |
| Rated current (HO) | 87.00 A | Operation (LO) | -10 ... 40 °C |
| Output | | Operation (HO) | -10 ... 50 °C |
| Number of phases | 3 AC | Transport | -40 ... 70 °C |
| Rated voltage | 480 V | Storage | -40 ... 70 °C |
| Rated power (LO) | 55.00 kW / 75.00 hp | | |
| Rated power (HO) | 45.00 kW / 60.00 hp | | |
| Rated current (LO) | 110.00 A | | |
| Rated current (HO) | 90.00 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 | Motor end | |
| Size | FSF | Conductor cross-section | 150.00 mm² |
| Net weight | 75.00 kg | | |
| Width | 350.0 mm | | |
| Height | 1150.0 mm | | |
| Depth | 320.0 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 | | |