



Figure similar

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 | 200 ... 240 V ± 10 % | Ambient conditions | |
| Line frequency | 47 ... 63 Hz | Cooling | Fan |
| Rated current (LO) | 34.20 A | Ambient temperature | |
| Rated current (HO) | 26.50 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) | 7.50 kW / 10.00 hp | | |
| Rated power (HO) | 5.50 kW / 7.50 hp | | |
| Rated current (LO) | 28.00 A | | |
| Rated current (HO) | 22.00 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

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

MLFB-Ordering data 6SE6440-2UC25-5CA1



Figure similar

| Mechanical data | | Connections | |
|----------------------|---------------------|-------------------------|-----------|
| Degree of protection | IP20 / UL open type | Motor end | |
| Frame size | FSC | Conductor cross-section | 10.00 mm² |
| Net weight | 5.50 kg | | |
| Width | 185.0 mm | | |
| Height | 245.0 mm | | |
| Depth | 195.0 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 |