

SIEMENS

Data sheet for MICROMASTER 440



Figure similar

MLFB-Ordering data 6SE6440-2UD31-5DA1

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 $\pm 10\%$ | Ambient conditions | |
| Line frequency | 47 ... 63 Hz | Cooling | Fan |
| Rated current (LO) | 37.00 A | Ambient temperature | |
| Rated current (HO) | 33.80 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) | 18.50 kW / 25.00 hp | | |
| Rated power (HO) | 15.00 kW / 20.00 hp | | |
| Rated current (LO) | 38.00 A | | |
| Rated current (HO) | 32.00 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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Figure similar

| Mechanical data | | Connections | |
|----------------------|---------------------|-------------------------|-----------|
| Degree of protection | IP20 / UL open type | Motor end | |
| Frame size | FSD | Conductor cross-section | 35.00 mm² |
| Net weight | 16.00 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 |