

SIEMENS

Data sheet for MICROMASTER 440



Figure similar

MLFB-Ordering data

6SE6440-2UD38-8FA1

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 $\eta$            | 0.97          |
| Line voltage                     | 380 ... 480 V $\pm 10$ % | Ambient conditions           |               |
| Line frequency                   | 47 ... 63 Hz             | Cooling                      | Fan           |
| Rated current (LO)               | 200.00 A                 | Ambient temperature          |               |
| Rated current (HO)               | 169.00 A                 | Operation (LO)               | 0 ... 40 °C   |
| Output                           |                          | Operation (HO)               | 0 ... 40 °C   |
| Number of phases                 | 3 AC                     | Transport                    | -40 ... 70 °C |
| Rated voltage                    | 480 V                    | Storage                      | -40 ... 70 °C |
| Rated power (LO)                 | 110.00 kW / 150.00 hp    |                              |               |
| Rated power (HO)                 | 90.00 kW / 125.00 hp     |                              |               |
| Rated current (LO)               | 205.00 A                 |                              |               |
| Rated current (HO)               | 178.00 A                 |                              |               |
| Pulse frequency                  | 4000 Hz                  |                              |               |
| Output frequency for V/f control | 0 ... 267 Hz             |                              |               |

Overload capability

Low Overload (LO)

150 % output current for 1 s, followed by 110 % output current for 59 s followed by 100 % output current for 240 s in a 300 s cycle time

High Overload (HO)

136 % output current for 57 s, followed by 100 % output current for 243 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           | FX                  | Conductor cross-section | 185.00 mm² |
| Net weight           | 116.00 kg           |                         |            |
| Width                | 326.0 mm            |                         |            |
| Height               | 1400.0 mm           |                         |            |
| Depth                | 356.0 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 |