



Figure similar

MLFB-Ordering data

6SE6440-2AD25-5CA1

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) | 17.60 A | Ambient temperature | |
| Rated current (HO) | 15.60 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) | 7.50 kW / 10.00 hp | | |
| Rated power (HO) | 5.50 kW / 7.50 hp | | |
| Rated current (LO) | 19.00 A | | |
| Rated current (HO) | 13.20 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

MLFB-Ordering data

6SE6440-2AD25-5CA1



Figure similar

Mechanical data

| | |
|----------------------|----------|
| Degree of protection | IP20 |
| Size | FSC |
| Net weight | 5.70 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 |
|--------|---|

Connections

Motor end

| | |
|-------------------------|-----------|
| Conductor cross-section | 10.00 mm² |
|-------------------------|-----------|