



Figure similar

MLFB-Ordering data

6SE6420-2AD27-5CA1

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

Rated data

Input

| | |
|-----------------------|---------------------|
| Number of phases | 3 AC |
| Line voltage | 380 ... 480 V ±10 % |
| Line frequency | 47 ... 63 Hz |

Rated current (HO) 22.00 A

Output

| | |
|---|--------------------|
| Number of phases | 3 AC |
| Rated voltage | 480 V |
| Rated power (HO) | 7.50 kW / 10.00 hp |
| Rated current (HO) | 19.00 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

General tech. specifications

Power factor λ 0.95

Efficiency η 0.96

Ambient conditions

Cooling Fan

Ambient temperature

Operation (HO) -10 ... 50 °C

Transport -40 ... 70 °C

Storage -40 ... 70 °C

Overload capability

High Overload (HO)

150 % output current for 60 s, followed by 100 % output current for 240 s in a 300 s cycle time



Figure similar

Mechanical data

| | |
|----------------------|----------|
| Degree of protection | IP20 |
| Size | FSC |
| Net weight | 5.00 kg |
| Width | 185.0 mm |
| Height | 245.0 mm |
| Depth | 195.0 mm |

Connections

Motor end

| | |
|-------------------------|-----------------------|
| Conductor cross-section | 10.00 mm ² |
|-------------------------|-----------------------|

Inputs / outputs

Standard digital inputs

| | |
|--------|---|
| Number | 3 |
|--------|---|

Relay output

| | |
|--------|---|
| Number | 1 |
|--------|---|

Analog inputs

| | |
|--------|---|
| Number | 1 |
|--------|---|

Analog outputs

| | |
|--------|---|
| Number | 1 |
|--------|---|