



Figure similar

MLFB-Ordering data

6SE6420-2UC21-5BA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data

Input

| | |
|------------------|--------------------------|
| Number of phases | 1 / 3 AC |
| Line voltage | 200 ... 240 V \pm 10 % |
| Line frequency | 47 ... 63 Hz |

| | |
|--------------------|------------------|
| Rated current (HO) | 14.40 A / 8.30 A |
|--------------------|------------------|

Output

| | |
|----------------------------------|-------------------|
| Number of phases | 3 AC |
| Rated voltage | 240 V |
| Rated power (HO) | 1.50 kW / 2.00 hp |
| Rated current (HO) | 7.40 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

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



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Mechanical data

| | |
|----------------------|---------------------|
| Degree of protection | IP20 / UL open type |
| Size | FSB |
| Net weight | 3.30 kg |
| Width | 149.0 mm |
| Height | 202.0 mm |
| Depth | 172.0 mm |

Connections

Motor end

| | |
|-------------------------|----------------------|
| Conductor cross-section | 6.00 mm ² |
|-------------------------|----------------------|

Inputs / outputs

Standard digital inputs

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

Relay output

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

Analog inputs

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

Analog outputs

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