



Figure similar

### MLFB-Ordering data

**6SE6420-2UD23-0BA1**

Client order no. :

Item no. :

Order no. :

Consignment no. :

Offer no. :

Project :

Remarks :

### Rated data

#### Input

Number of phases	3 AC
<b>Line voltage</b>	380 ... 480 V $\pm$ 10 %
<b>Line frequency</b>	47 ... 63 Hz

**Rated current (HO)** 10.00 A

#### Output

<b>Number of phases</b>	3 AC
<b>Rated voltage</b>	480 V
<b>Rated power (HO)</b>	3.00 kW / 4.00 hp
<b>Rated current (HO)</b>	7.70 A
<b>Pulse frequency</b>	4000 Hz
<b>Output frequency for V/f control</b>	0 ... 650 Hz

As a result of legal stipulations, a limit to 550 Hz is in production

### General tech. specifications

**Power factor  $\lambda$**  0.95

**Efficiency  $\eta$**  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 <sup>2</sup>
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### Inputs / outputs

#### Standard digital inputs

Number	3
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#### Relay output

Number	1
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#### Analog inputs

Number	1
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#### Analog outputs

Number	1
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