



Figure similar

### MLFB-Ordering data

6SE6440-2UE25-5CA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
<b>Input</b>		Power factor $\lambda$	0.95
Number of phases	3 AC	Efficiency $\eta$	0.96
Line voltage	500 ... 600 V $\pm 10\%$	<b>Ambient conditions</b>	
Line frequency	47 ... 63 Hz	Cooling	Fan
Rated current (LO)	12.60 A	<b>Ambient temperature</b>	
Rated current (HO)	11.10 A	Operation (LO)	-10 ... 40 °C
<b>Output</b>		Operation (HO)	-10 ... 50 °C
Number of phases	3 AC	Transport	-40 ... 70 °C
Rated voltage	600 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)	11.00 A		
Rated current (HO)	9.00 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

### 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



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### Mechanical data

Degree of protection	IP20 / UL open type
Size	FSC
Net weight	5.50 kg
Width	185.0 mm
Height	245.0 mm
Depth	195.0 mm

### Connections

#### Motor end

Conductor cross-section	10.00 mm <sup>2</sup>
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### Inputs / outputs

#### Standard digital inputs

Number	6
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#### Relay output

Number	3
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#### Analog inputs

Number	2
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#### Analog outputs

Number	2
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#### PTC/ KTY interface

Number	1
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