



Figure similar

### MLFB-Ordering data

6SE6440-2UD41-1FA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data	General tech. specifications
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<b>Input</b>	<b>Power factor <math>\lambda</math></b> 0.95
<b>Number of phases</b> 3 AC	<b>Efficiency <math>\eta</math></b> 0.97

Ambient conditions	
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<b>Line voltage</b> 380 ... 480 V $\pm 10\%$	<b>Cooling</b> Fan
<b>Line frequency</b> 47 ... 63 Hz	<b>Ambient temperature</b>
<b>Rated current (LO)</b> 245.00 A	<b>Operation (LO)</b> 0 ... 40 °C
<b>Rated current (HO)</b> 200.00 A	<b>Operation (HO)</b> 0 ... 40 °C

<b>Output</b>	<b>Transport</b> -40 ... 70 °C
<b>Number of phases</b> 3 AC	<b>Storage</b> -40 ... 70 °C
<b>Rated voltage</b> 480 V	
<b>Rated power (LO)</b> 132.00 kW / 200.00 hp	
<b>Rated power (HO)</b> 110.00 kW / 150.00 hp	
<b>Rated current (LO)</b> 250.00 A	
<b>Rated current (HO)</b> 205.00 A	
<b>Pulse frequency</b> 4000 Hz	
<b>Output frequency for V/f control</b> 0 ... 267 Hz	

### Overload capability

#### Low Overload (LO)

150 % output current for 1 s, followed by 110 % output current for 59 s followed by 100 % output current for 240 s in a 300 s cycle time

#### High Overload (HO)

136 % output current for 57 s, followed by 100 % output current for 243 s in a 300 s cycle time



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### Mechanical data

Degree of protection	IP20 / UL open type
Size	FX
Net weight	116.00 kg
Width	326.0 mm
Height	1400.0 mm
Depth	356.0 mm

### Connections

#### Motor end

Conductor cross-section	185.00 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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