



### Ordering data

6SE6440-2UD37-5FA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
<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>	0.96
<b>Line voltage</b>	380 ... 480 V $\pm 10\%$	<b>Ambient conditions</b>	
<b>Line frequency</b>	47 ... 63 Hz	<b>Cooling</b>	Fan
<b>Rated current (LO)</b>	169.00 A	<b>Ambient temperature</b>	
<b>Rated current (HO)</b>	139.00 A	<b>Operation (LO)</b>	-10 ... 40 °C
<b>Output</b>		<b>Operation (HO)</b>	-10 ... 50 °C
<b>Number of phases</b>	3 AC	<b>Transport</b>	-40 ... 70 °C
<b>Rated voltage</b>	480 V	<b>Storage</b>	-40 ... 70 °C
<b>Rated power (LO)</b>	90.00 kW / 125.00 hp		
<b>Rated power (HO)</b>	75.00 kW / 100.00 hp		
<b>Rated current (LO)</b>	178.00 A		
<b>Rated current (HO)</b>	145.00 A		
<b>Pulse frequency</b>	4000 Hz		
<b>Output frequency for V/f control</b>	0 ... 650 Hz		

Due to legal restrictions a limitation to 550 Hz is under preparation

### 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
Size	F
Net weight	56.00 kg
Width	350.0 mm
Height	850.0 mm
Depth	320.0 mm

### Connections

#### Motor end

Conductor cross-section	150.00 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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