



Figure similar

## MLFB-Ordering data

**6SE6440-2UD31-5DA1**

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
Number of phases	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>	37.00 A	<b>Ambient temperature</b>	
<b>Rated current (HO)</b>	33.80 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>	18.50 kW / 25.00 hp		
<b>Rated power (HO)</b>	15.00 kW / 20.00 hp		
<b>Rated current (LO)</b>	38.00 A		
<b>Rated current (HO)</b>	32.00 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

## 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

<b>Degree of protection</b>	IP20 / UL open type
<b>Size</b>	FSD
<b>Net weight</b>	16.00 kg
<b>Width</b>	275.0 mm
<b>Height</b>	520.0 mm
<b>Depth</b>	245.0 mm

### Connections

#### Motor end

<b>Conductor cross-section</b>	35.00 mm <sup>2</sup>
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### Inputs / outputs

#### Standard digital inputs

<b>Number</b>	6
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#### Relay output

<b>Number</b>	3
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#### Analog inputs

<b>Number</b>	2
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#### Analog outputs

<b>Number</b>	2
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#### PTC/ KTY interface

<b>Number</b>	1
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