



Figure similar

### MLFB-Ordering data

6SE6440-2AD33-7EA1

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>	87.00 A	<b>Ambient temperature</b>	
<b>Rated current (HO)</b>	72.00 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>	45.00 kW / 60.00 hp		
<b>Rated power (HO)</b>	37.00 kW / 50.00 hp		
<b>Rated current (LO)</b>	90.00 A		
<b>Rated current (HO)</b>	75.00 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		Connections	
Degree of protection	IP20	Motor end	
Size	FSE	Conductor cross-section	35.00 mm²
Net weight	22.00 kg		
Width	275.0 mm		
Height	650.0 mm		
Depth	245.0 mm		
Inputs / outputs			
Standard digital inputs			
Number	6		
Relay output			
Number	3		
Analog inputs			
Number	2		
Analog outputs			
Number	2		
PTC/ KTY interface			
Number	1		