



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>		Power factor $\lambda$	0.95
Number of phases	3 AC	Efficiency $\eta$	0.96
Line voltage	380 ... 480 V $\pm 10\%$	<b>Ambient conditions</b>	
Line frequency	47 ... 63 Hz	Cooling	Fan
Rated current (LO)	37.00 A	<b>Ambient temperature</b>	
Rated current (HO)	33.80 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	480 V	Storage	-40 ... 70 °C
Rated power (LO)	18.50 kW / 25.00 hp		
Rated power (HO)	15.00 kW / 20.00 hp		
Rated current (LO)	38.00 A		
Rated current (HO)	32.00 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		Connections	
Degree of protection	IP20 / UL open type	<b>Motor end</b>	
Size	FSD	Conductor cross-section	35.00 mm <sup>2</sup>
Net weight	16.00 kg		
Width	275.0 mm		
Height	520.0 mm		
Depth	245.0 mm		

Inputs / outputs	
<b>Standard digital inputs</b>	
Number	6
<b>Relay output</b>	
Number	3
<b>Analog inputs</b>	
Number	2
<b>Analog outputs</b>	
Number	2
<b>PTC/ KTY interface</b>	
Number	1