



Figure similar

### MLFB-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>		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)	169.00 A	<b>Ambient temperature</b>	
Rated current (HO)	139.00 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)	90.00 kW / 125.00 hp		
Rated power (HO)	75.00 kW / 100.00 hp		
Rated current (LO)	178.00 A		
Rated current (HO)	145.00 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



Figure similar

MLFB-Ordering data

6SE6440-2UD37-5FA1

### Mechanical data

Degree of protection	IP20 / UL open type
Size	FSF
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>
-------------------------	------------------------

### Inputs / outputs

#### Standard digital inputs

Number	6
--------	---

#### Relay output

Number	3
--------	---

#### Analog inputs

Number	2
--------	---

#### Analog outputs

Number	2
--------	---

#### PTC/ KTY interface

Number	1
--------	---