



Figure similar

Article No. : 6SE6440-2UD33-0EA1

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

Rated data	
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Input

Number of phases	3 AC
Line voltage	380 ... 480 V ±10 %
Line frequency	47 ... 63 Hz
Rated current (LO)	72.00 A
Rated current (HO)	59.00 A

Output

Number of phases	3 AC
Rated voltage	480 V
Rated power (LO)	37.00 kW / 50.00 hp
Rated power (HO)	30.00 kW / 40.00 hp
Rated current (LO)	75.00 A
Rated current (HO)	62.00 A
Pulse frequency	4,000 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

General tech. specifications	
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Power factor λ	0.95
Efficiency η	0.96

Ambient conditions	
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Cooling	Fan
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Ambient temperature

Operation (LO)	-10...40 °C
Operation (HO)	-10...50 °C
Transport	-40...70 °C
Storage	-40...70 °C



Figure similar

Article No. : 6SE6440-2UD33-0EA1

Mechanical data	
Degree of protection	IP20 / UL open type
Frame size	FSE
Net weight	20.00 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

Connections	
Motor end	
Conductor cross-section	35.00 mm²



Figure similar

MLFB-Ordering data                      6SE6440-2UD33-0EA1

Client order no. :  
Order no. :  
Offer no. :  
Remarks :

Item no. :  
Consignment no. :  
Project :

Rated data		General tech. specifications	
Input		Power factor $\lambda$	0.95
Number of phases	3 AC	Efficiency $\eta$	0.96
Line voltage	380 ... 480 V $\pm 10\%$	Ambient conditions	
Line frequency	47 ... 63 Hz	Cooling	Fan
Rated current (LO)	72.00 A	Ambient temperature	
Rated current (HO)	59.00 A	Operation (LO)	-10 ... 40 °C
Output		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)	37.00 kW / 50.00 hp		
Rated power (HO)	30.00 kW / 40.00 hp		
Rated current (LO)	75.00 A		
Rated current (HO)	62.00 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

MLFB-Ordering data                      6SE6440-2UD33-0EA1



Figure similar

Mechanical data		Connections	
Degree of protection	IP20 / UL open type	Motor end	
Frame size	FSE	Conductor cross-section	35.00 mm²
Net weight	20.00 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