



Figure similar

Article No. : 6SE6420-2UD17-5AA1

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 (HO)	3.70 A

Output	
Number of phases	3 AC
Rated voltage	480 V
Rated power (HO)	0.75 kW / 1.00 hp
Rated current (HO)	2.10 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

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



Figure similar

Article No. : 6SE6420-2UD17-5AA1

Mechanical data	
Degree of protection	IP20 / UL open type
Frame size	FSA
Net weight	1.00 kg
Width	73.0 mm
Height	173.0 mm
Depth	149.0 mm

Inputs / outputs	
Standard digital inputs	
Number	3
Relay output	
Number	1
Analog inputs	
Number	1
Analog outputs	
Number	1

Connections	
Motor end	
Conductor cross-section	2.50 mm²



Figure similar

MLFB-Ordering data

6SE6420-2UD17-5AA1

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data		General tech. specifications	
Input		Power factor λ	0.95
Number of phases	3 AC	Efficiency η	0.96
Line voltage	380 ... 480 V ± 10 %	Ambient conditions	
Line frequency	47 ... 63 Hz	Cooling	Fan
Rated current (HO)		Ambient temperature	
3.70 A		Operation (HO)	-10 ... 50 °C
Output		Transport	-40 ... 70 °C
Number of phases	3 AC	Storage	-40 ... 70 °C
Rated voltage	480 V		
Rated power (HO)	0.75 kW / 1.00 hp		
Rated current (HO)	2.10 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

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 6SE6420-2UD17-5AA1



Figure similar

Mechanical data		Connections	
Degree of protection	IP20 / UL open type	Motor end	
Frame size	FSA	Conductor cross-section	2.50 mm²
Net weight	1.00 kg		
Width	73.0 mm		
Height	173.0 mm		
Depth	149.0 mm		

Inputs / outputs	
Standard digital inputs	
Number	3
Relay output	
Number	1
Analog inputs	
Number	1
Analog outputs	
Number	1