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Data sheet for MICROMASTER 440



Figure similar

Article No. : **6SE6440-2UD37-5FA1**

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

Item no. :
Consignment no. :
Project :

Rated data

Input

Number of phases	3 AC
Line voltage	380 ... 480 V ±10 %
Line frequency	47 ... 63 Hz
Rated current (LO)	169.00 A
Rated current (HO)	139.00 A

Output

Number of phases	3 AC
Rated voltage	480 V
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	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

Power factor λ	0.95
Efficiency η	0.96

Ambient conditions

Cooling	Fan

Ambient temperature

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

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Mechanical data	
Degree of protection	IP20 / UL open type
Frame size	FSF
Net weight	56.00 kg
Width	350.0 mm
Height	850.0 mm
Depth	320.0 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	150.00 mm²