

# SIEMENS

## Data sheet for MICROMASTER 440



Figure similar

MLFB-Ordering data                      6SE6440-2AD31-5DA1

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 (LO)	37.00 A	Ambient temperature	
Rated current (HO)	33.80 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)	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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Figure similar

Mechanical data		Connections	
Degree of protection	IP20 / UL open type	Motor end	
Frame size	FSD	Conductor cross-section	35.00 mm²
Net weight	17.00 kg		
Width	275.0 mm		
Height	520.0 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