

Data sheet for MICROMASTER 430

MLFB-Ordering data

6SE6430-2AD37-5FA0



Client order no.: Item no.: Order no.: Consignment no.: Offer no.: Project: Remarks:

Rated data		General	General tech. specifications	
Input		Power factor λ	0.95	
Number of phases	3 AC	Efficiency η	0.96	
Line voltage	380 480 V ±10 %	Amb	Ambient conditions	
Line frequency	47 63 Hz	Cooling	Fan	
Rated current (LO)	139.00 A	Ambient temperature		
		Operation (LO)	-10 40 °C	
Output				
Number of phases	3 AC	Transport	-40 70 °C	
Rated voltage	480 V	Storage	-40 70 °C	
Rated power (LO)	75.00 kW / 100.00 hp			
Rated current (LO)	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



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Mechanical data		Co	Connections	
Degree of protection	IP20 / UL open type	Motor end		
Size	FSF	Conductor cross-section	150.00 mm²	
Net weight	75.00 kg			
Width	350.0 mm			
Height	1150.0 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			