SIEMENS

Data sheet for MICROMASTER 440



Ordering data

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	4000 Hz
Output frequency for V/f control	0 ... 650 Hz

Due to legal restrictions a limitation to 550 Hz is under preparation

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

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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Mechanical data

Degree of protection	IP20
Size	F
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