SIEMENS

Data sheet for MICROMASTER 440



Ordering data

6SE6440-2UD38-8FA1

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)	200.00 A
Rated current (HO)	169.00 A

Output

Number of phases	3 AC
Rated voltage	480 V
Rated power (LO)	110.00 kW / 150.00 hp
Rated power (HO)	90.00 kW / 125.00 hp
Rated current (LO)	205.00 A
Rated current (HO)	178.00 A
Pulse frequency	4000 Hz
Output frequency for V/f control	0 ... 267 Hz

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

General tech. specifications

Power factor λ	0.95
Efficiency η	0.97

Ambient conditions

Cooling	Fan

Ambient temperature

Operation (LO)	0 ... 40 °C
Operation (HO)	0 ... 40 °C
Transport	-40 ... 70 °C
Storage	-40 ... 70 °C

Overload capability

Low Overload (LO)

150 % output current for 1 s, followed by 110 % output current for 59 s followed by 100 % output current for 240 s in a 300 s cycle time

High Overload (HO)

136 % output current for 57 s, followed by 100 % output current for 243 s in a 300 s cycle time

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

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Mechanical data

Degree of protection	IP20
Size	FX
Net weight	116.00 kg
Width	326.0 mm
Height	1400.0 mm
Depth	356.0 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	185.00 mm²