SIEMENS

Data sheet for MICROMASTER 440

MLFB-Ordering data

6SE6440-2UD42-0GA1



Figure similar

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)	442.00 A
Rated current (HO)	354.00 A

Output

Number of phases	3 AC
Rated voltage	480 V
Rated power (LO)	250.00 kW / 350.00 hp
Rated power (HO)	200.00 kW / 300.00 hp
Rated current (LO)	477.00 A
Rated current (HO)	370.00 A
Pulse frequency	4000 Hz
Output frequency for V/f control	0 ... 267 Hz

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

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

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 / UL open type
Frame size	FSGX
Net weight	174.00 kg
Width	326.0 mm
Height	1533.0 mm
Depth	545.0 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	240.00 mm²