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Data sheet for MICROMASTER 440

Figure similar

MLFB-Ordering data 6SE6440-2UC31-1DA1

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Rated data

Input

Number of phases	3 AC
Line voltage	200 ... 240 V ±10 %
Line frequency	47 ... 63 Hz
Rated current (LO)	50.00 A
Rated current (HO)	38.00 A

Output

Number of phases	3 AC
Rated voltage	240 V
Rated power (LO)	15.00 kW / 20.00 hp
Rated power (HO)	11.00 kW / 15.00 hp
Rated current (LO)	54.00 A
Rated current (HO)	42.00 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

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 / UL open type
Frame size	FSD
Net weight	16.00 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

Connections

Motor end

Conductor cross-section	35.00 mm²