SIEMENS

Data sheet for MICROMASTER 420



Ordering data

6SE6420-2UC12-5AA1

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

Item no. :
Consignment no. :
Project :

Rated data

Input

Number of phases	1 / 3 AC
Line voltage	200 ... 240 V ±10 %
Line frequency	47 ... 63 Hz
Rated current (HO)	3.20 A / 1.90 A

Output

Number of phases	3 AC
Rated voltage	240 V
Rated power (HO)	0.25 kW / 0.33 hp
Rated current (HO)	1.70 A
Pulse frequency	16000 Hz
Output frequency for V/f control	0 ... 650 Hz

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

Overload capability

High Overload (HO)

150 % output current for 60 s, followed by 100 % output current for 240 s in a 300 s cycle time

General tech. specifications

Power factor λ	0.95
Efficiency η	0.96

Ambient conditions

Cooling	Fan

Ambient temperature

Operation (HO)	-10 ... 50 °C
Transport	-40 ... 70 °C
Storage	-40 ... 70 °C

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Mechanical data

Degree of protection	IP20
Size	A
Net weight	1.00 kg
Width	73.0 mm
Height	173.0 mm
Depth	149.0 mm

Inputs/ outputs

Standard digital inputs

Number	3

Relay output

Number	1

Analog inputs

Number	1

Analog outputs

Number	1

Connections

Motor end

Conductor cross-section	2.50 mm²