MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SE6420-2UC17-5AA1

MICROMASTER 420 0.75 KW INVERTER

Used with the applicable MICROMASTER 420 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6SE6420-2UC17-5AA1 official product data; applicable specification pages.

SIEMENS

Data sheet for MICROMASTER 420



Figure similar

MLFB-Ordering data **6SE6420-2UC17-5AA1**

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)	8.20 A / 4.70 A

Output

Number of phases	3 AC
Rated voltage	240 V
Rated power (HO)	0.75 kW / 1.00 hp
Rated current (HO)	3.90 A
Pulse frequency	16000 Hz
Output frequency for V/f control	0 ... 650 Hz

As a result of legal stipulations, a limit to 550 Hz is in production

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

SIEMENS

Data sheet for MICROMASTER 420

MLFB-Ordering data **6SE6420-2UC17-5AA1**



Figure similar

Mechanical data

Degree of protection	IP20
Size	FSA
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