MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6SE6420-2UD22-2BA1

THREE-PHASE VARIABLE FREQUENCY DRIVE

Used with the applicable MICROMASTER 420 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6SE6420-2UD22-2BA1 manufacturer specification, applicable pages 1, 2.

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Data sheet for MICROMASTER 420



Figure similar

MLFB-Ordering data

6SE6420-2UD22-2BA1

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 (HO)	7.50 A

Output

Number of phases	3 AC
Rated voltage	480 V
Rated power (HO)	2.20 kW / 3.00 hp
Rated current (HO)	5.90 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

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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Data sheet for MICROMASTER 420

MLFB-Ordering data **6SE6420-2UD22-2BA1**



Figure similar

Mechanical data

Degree of protection	IP20 / UL open type
Size	FSB
Net weight	3.30 kg
Width	149.0 mm
Height	202.0 mm
Depth	172.0 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	6.00 mm²

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