MICROMASTER 420

Product Data Sheet

6SE6420-2UD23-0BA1

Three-kilowatt frequency inverter

HIGH-OVERLOAD MOTOR POWER	LINE VOLTAGE	INPUT FREQUENCY	RATED INPUT CURRENT
3 kW / 4 hp	**380-480 V AC, +/-10%, three-phase**	**47-63 Hz**	**10 A**

Siemens 6SE6420-2UD23-0BA1 is a MICROMASTER 420 inverter rated at 3 kW under high-overload duty. It operates from a three-phase 380-480 V AC line and supplies up to 7.7 A rated output current. The rated input current is 10 A.

01 TECHNICAL DATA

High-overload motor power	3 kW / 4 hp
Line voltage	380-480 V AC, +/-10%, three-phase
Input frequency	47-63 Hz
Rated input current	10 A
Rated output current	7.7 A
Output voltage ceiling	480 V
Nominal pulse frequency	4 kHz
Overload duty	150% current 60 s, then 100% 240 s
Typical efficiency	96%
Power factor	0.95

Siemens 6SE6420-2UD23-0BA1 original product data, applicable source pages 1, 2.

02 ADDITIONAL PRODUCT DATA

Digital command inputs	3
Relay outputs	1
Analog I/O	1 input and 1 output
Cooling arrangement	Fan
Operating ambient	-10 to 50 C at HO duty

03 PRODUCT FUNCTION

The frame-B drive combines three digital inputs, one relay output and one analog input/output pair. A fan cools the IP20/open-type enclosure. Its overload cycle permits 150% output current for sixty seconds followed by 240 seconds at rated current, with a 4 kHz nominal pulse frequency.

04 SYSTEM COMPATIBILITY

Provide the upstream protection, earthing and fan clearances required by the drive installation. Retain the assigned digital, relay and analog control circuits.

05 REFERENCE

Siemens 6SE6420-2UD23-0BA1 original product data, applicable source pages 1, 2.

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM