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TECHNOLOGY GROUP

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Find the *Johnson Electric / Nanomotion AB1A* at our website: ***Click HERE***

Nanomotion Ltd.

Advanced Motion Systems

AB1A Driver/Amplifier



Power Consumption

Power Input	+48VDC ± 5%
Maximum Motor Output	250—290 Vrms
Power Consumption without Load	+48VDC/0.125A
Power Consumption with Maximum Load	+48VDC/6.5A max
Input Voltage Range	±10V
Input Low Pass Filter	4kHz

Electrical

Supply Voltage	Current Consumption	Used When
	≤ 200 mA	1 x HR1 is connected
+48V ± 5%	≤ 500 mA	1 x HR2 is connected
	≤ 800 mA	1 x HR4 is connected
	≤ 1200 mA	1 x HR8 is connected

Environmental

The required power supply value should be calculated by adding the total power consumption of all the motors that are connected to the AB1A power consumption without motor (+48VDC/125 mA rms) according to the following:

- I = 125mA + n* (current consumption of a single motor)
- n = Number of motors that are connected (n= 1/2/3/4)

Operating Temperature	0°C to 50°C
Storage Temperature	-40°C - 70°C
Operating Humidity	Up to 80% non-condensing

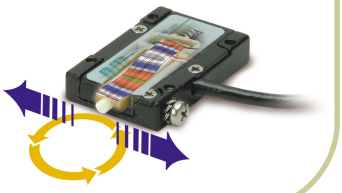
Physical Dimensions

Nominal Mechanical Dimensions (WxDxH)	150mm x 110mm x 40mm
Weight	450 gr
Mounting Options	Desk top / Wall mount

NANOMOTION
A Johnson Electric Company

Nanomotion Ltd., Tel: +972-73-2498000

www.nanomotion.com



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We're here to make your life easier. How can we help you today?

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