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: +48V ± 5%
- Current Consumption Used When
- ≤ 200 mA: 1 x HR1 is connected
- ≤ 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:

- l = 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