

Schneider Series Service Manual

170BAI03600

1. Description

The Schneider Electric 170BAI03600 is an analog input module utilized for precise measurements in various applications. It features eight channels and operates at a voltage of 24 V DC, handling a current of 1 A.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Momentum
Part	Number 170BAI03600
Weight	0.75 lbs (0.34 kg)
Product	Analog Input Module
Number	of Channels 8
Voltage	24 V DC
Current	1 A
Maximum	Ambient Temperature 60 degrees Celsius
Minimum	Ambient Temperature 0 degrees Celsius
Operating	Humidity Up to 80% RH (non-condensing)
Storage	Humidity Up to 80% RH (non-condensing)
Maximum	Operating Altitude 1000 meters above sea level

3. Product Information

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Technical specifications for 170BAI03600

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Product Line Modicon Momentum

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Operating Humidity Up to 80% RH (non-condensing)

Storage Humidity Up to 80% RH (non-condensing)

Maximum Operating Altitude 1000 meters above sea level

In the Schneider Electric Modicon Momentum series, the 170BAI03600 stands out as an analog input module. It is engineered with eight separate channels, allowing it to process multiple signals simultaneously. The module operates on a 24 V DC voltage, making it suitable for integration into existing systems that utilize this power specification. It also supports a maximum current rating of 1 A, ensuring reliable performance across its applications.

Constructed to handle a wide range of environmental conditions, the 170BAI03600 can function effectively within a maximum temperature of 60 degrees Celsius and as low as 0 degrees Celsius. This capability makes it adaptable for varying conditions in industrial settings. Moreover, the device is designed to maintain operations in humid environments, tolerating up to 80% relative humidity both during operation and while stored, provided condensation is not present. The module is rated for operation up to altitudes of 1000 meters above sea level, further enhancing its versatility in various locations.