

Schneider Series Service Manual

170BSM01600

1. Description

The 170BSM01600 from Schneider Electric serves as a versatile input simulator. Designed for discrete input signaling, it features 16 channels operating at a voltage of 24 VDC.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Momentum
Part	Number 170BSM01600
Product	Input Simulator
Input	Type Discrete
Number	of Channels 16
Discrete	Input Voltage 24 VDC
Local	Signaling LEDs
Number	of LED Indicators 7
Mounting	DIN rail mounting
Min.	Operating Temp. -20°C
Max.	Operating Temp. 55°C
Min.	Storage Temp. -40°C
Max.	Storage Temp. 75°C
Relative	Humidity 95% or less (non-condensing)
Environment	No corrosive gases

3. Product Information

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Technical specifications for 170BSM01600

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Product Line Modicon Momentum
Part Number 170BSM01600

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Environment No corrosive gases

Description

The Schneider Electric 170BSM01600, part of the Modicon Momentum series, is primarily utilized as an input simulator in various automation settings. This device is tailored for discrete input applications and supports a total of 16 channels, each capable of operating at a discrete input voltage of 24 VDC.

This unit features local signaling via seven LED indicators, which provide immediate visual feedback for operational status. Installing the 170BSM01600 is straightforward, as it is designed for mounting on DIN rails, simplifying integration into existing systems.

Weighing in at 0.45 kg (1 lb), this input simulator is compact yet effective. It can function efficiently within an operating temperature range from -20°C to 55°C, ensuring adaptability to varying environmental conditions. Additionally, the device can be safely stored in temperatures ranging from -40°C to 75°C, making it durable under extreme conditions.

This model operates effectively in environments with relative humidity levels of up to 95%, provided there is no condensation. Importantly, the device is not suitable for environments containing corrosive gases, ensuring its longevity and reliability in suitable applications.

Range of Product

Modicon Momentum automation platform
Accessory / separate part designation
Discrete input simulator
Accessory / Separate Part Type
Discrete input simulator
Accessory / separate part destination

Discrete I/O base
Number of Channels

16
Complementary
Discrete input voltage
24 V

Input voltage type
DC

Ordering and shipping details

Category
18206-MOMENTUM PROCESSORS,I/O BASES,CONN.

Discount Schedule
PC31

GTIN
3389110116601

Returnability
No

Country of origin
DE

Packing Units
Unit Type of Package 1
PCE

Nbr. of units in pkg.
1

Package 1 Height

2.0 in (5.0 cm)

Package 1 Width

6.1 in (15.5 cm)

Package 1 Length

8.3 in (21.0 cm)

Package weight(Lbs)

5.9 oz (168.0 g)