

1756-IB16/A

Allen-Bradley (Rockwell Automation) · ControlLogix / Bulletin 1756

The Allen-Bradley 1756-IB16 is a ControlLogix 16-point 12/24 V DC sinking digital input module with 8 points per group for low-voltage discrete DC sensing in ControlLogix systems. It operates over a 10-31.2 V DC range with user-configurable input filter times and draws 100 mA at 5.1 V DC and 2 mA at 24 V DC from the backplane. The module uses 1756-TBNH or 1756-TBSH removable terminal blocks and provides 250 V continuous isolation.

Manufacturer: Allen-Bradley (Rockwell Automation)

Brand: Allen-Bradley

Part Number/Catalog No.: 1756-IB16/A

Base Catalog: 1756-IB16

Series Suffix: A

Product Type: Digital DC Input Module (Sinking)

Product Family: ControlLogix / Bulletin 1756

Model-Specific Specifications:

16 sinking DC inputs (8 per group)

10-31.2 V DC

100 mA at 5.1V / 2 mA at 24V

configurable filter 0-18 ms

250 V isolation

0-60 C

Series / Family Common Specifications

Modular system; I/O and function modules mount in a 1756 ControlLogix chassis (any module in any slot).

Chassis backplane (ControlBus) provides a high-speed communication path between modules.

Chassis-based communication modules support EtherNet/IP, ControlNet, DeviceNet, DH+/Remote I/O.

Programmed/configured in Studio 5000 Logix Designer (formerly RSLogix 5000).

Chassis powered by a dedicated 1756 power supply module in the chassis.

Operating temperature 0 to 60 C (32 to 140 F).

Lifecycle Status: Active

Discontinuation Date: N/A (active product)

Recommended Replacement: N/A (active product)