

1794-IB16

Industrial automation components

Manufacturer	Allen-Bradley
Catalog number	1794-ib16
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.11 kgs
Product Type	Module
Manufacturer	Allen-bradley
Signal Level	24 V
Voltage	24 V
Signal Type	24

Description

The Allen-Bradley 1794-IB16 is a 16-point digital input module designed for the Flex I/O system, offering reliable and efficient integration of discrete input signals into industrial automation systems. This module features 16 sinking inputs operating at a nominal voltage of 24V DC, with an input voltage range from 10 to 31.2V DC, accommodating various industrial control applications. Each input channel supports an on-state current up to 12 mA, ensuring precise signal detection. The module is compatible with multiple terminal bases, including 1794-TB3, 1794-TB3S, 1794-TBN, 1794-TB3K, 1794-TB3SK, and 1794-TBNK, facilitating flexible installation options. Designed for DIN rail mounting, it measures 94 x 94 x 69 mm and weighs approximately 0.075 kg, making it suitable for space-constrained environments. Operating within a temperature range of 0 to 55°C (32 to 131°F), the 1794-IB16 is built to withstand industrial conditions. It is UL Listed and CE certified, ensuring compliance with international safety standards. This module is ideal for applications requiring distributed I/O systems, such as machine control, process automation, and material handling, providing a robust solution for integrating digital input signals into automation systems.