

1756-OB16E

Industrial automation components

Manufacturer	Allen-Bradley
Catalog number	1756-ob16e
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.09 kgs
Voltage	24 V
Cable Specification	16 × 12
Product Type	Module
Signal Type	24
Signal Level	24 V

Description

The Allen-Bradley 1756-OB16E is a ControlLogix 16-point discrete output module designed for industrial automation applications. It provides 16 electronically fused outputs, each capable of sourcing up to 1 ampere at 10-30 VDC, facilitating reliable control of various devices within a system. The module operates within a voltage range of 10 to 31.2 VDC, ensuring compatibility with a wide array of control systems. Its compact design, measuring 111.25 mm in depth, 38.1 mm in width, and 300 mm in height, allows for efficient integration into existing setups. The module's power dissipation is rated at a maximum of 4.1 watts at 60°C, with thermal dissipation of 13.98 BTU/hr, indicating its capacity to operate effectively in demanding environments. Additionally, it features a continuous isolation voltage of 250 V between groups of 8 outputs, enhancing system safety by preventing electrical interference between output groups. This module is ideal for applications requiring precise and reliable control of multiple outputs, such as in manufacturing processes, machinery control, and automated systems.