

Allen-Bradley 1746-OB16E Manual

Brand	Allen-Bradley
Product Series	1746 1747
Product Type	Digital DC Output Module

Description

The Allen-Bradley 1746-OB16E is a SLC 500 Digital DC Output Module. This Digital DC Output Module has a Voltage Range of 10-30 Volts DC Source and 16 Outputs. It has a Backplane Current (5 Volts) of 135 milliamps. Technical specifications for 1746-OB16E

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1746-OB16E

Series SLC 500

Module Type Digital DC Output Module

Voltage Range 10-30 Volts DC Source

Outputs 16

Current/Output 1 or 0.5 amps

Current/Module 8 amps

Backplane Current (5 Volts) 135 milliamps

Current/Module (30 Celsius) 9 amps

Applications High Current

Step Response 60 milliseconds in, 2.5 milliseconds out

UPC 10662072720414

UNSPSC 32151705 Description

The 1746-OB16E SLC 500 Digital Output Module is an electronically-fused 24V DC signal output module by Allen-Bradley which can be fixed on any available slots in 1746 Chassis and it uses a Removable Terminal Block (RTB). It has an operating voltage range between 10 and 30V DC (source) and draws a backplane current of 0.135A at 5V DC. The 1746-OB16E has a load-dependent 1ms signal delay time for both ON and OFF mode and it has a maximum output current leakage of 1mA in its OFF state. The minimum current load available on each point is 1mA and it has an inrush current 2.0A on each point for 2ms repeating every 1s at 30 °C (86 °F). The 1746-OB16E has 0.388W heat dissipation per output point and 7.6W of aggregate heat dissipation on the module. It has an operating temperature bracket of 0-60 °C (32-140 °F) at a relative humidity condition of 5-95% without condensation and it is NEMA ICS 2-230 rated for Noise immunity. The 1746-OB16E has an operational vibration of 2.5G at 10-200Hz and a shock rating of 30G.

Technical Specifications

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