

Allen-Bradley 1746 1747 Series Service Manual

1746-OB8

1. Description

The Allen-Bradley/Rockwell Automation 1746-OB8 output module is an 8-channel output module from the SLC 500 product line. It dissipates 6.9 Watts of total heat during operation and it dissipates 0.775 Watts of heat per output point. The 1746-OB8 output module is a DC output module with a voltage rating of 24 Volts DC. Its backplane current consumption rating is 0.135 Amps at 5 Volts Technical specifications for 1746-OB8

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1746-OB8
Series	SLC 500
Module	Type Digital DC Output Module
Voltage	Range 10-50 Volts DC Source
Outputs	8
Current/Output	1 or 0.5 amps
Current/Module	8 or 4 amps
Backplane	Current (5 Volts) 135 milliamps
Applications	High Current
Step	Response 60 milliseconds in, 2.5 milliseconds out
UPC	10662073521355 Description
The	Allen-Bradley 1746-OB8 is a DC output module that has 8 outputs but no inputs. It has a voltage category of 24V DC in signal output and its number of points per common is 8. It has a total heat dissipation of 6.9 W and a maximum signal delay of 1A and 8A at 30°C and 0.5A and 4A at 60°C, respectively. Moreover, the maximum off-state leakage of this module is 1mA and the maximum thermal dissipation is 6.9 W. The 1746-OB8 has a maximum On-state voltage drop of 1.2V at 1A and 3A for 10ms maximum surge current per point. It has a backplane current consumption of 135mA at 5V DC and 0 mA at 24V DC. It

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