

Allen-Bradley 1746 1747 Series Service Manual

1746-OB16

1. Description

The Allen-Bradley 1746-OB16 is an SLC500 Discrete DC output module. This DC output module features Sixteen (16) DC output channels in One (1) group, providing signal voltages of 24VDC with output voltage range of 10-5-VDC. Technical specifications for 1746-OB16

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Module	Type Digital DC Output Module
Series	SLC500
Part	Number/Catalog No. 1746-OB16
Brand	Allen-Bradley
No.	of Outputs Sixteen (16) outputs
Output	Voltage 24VDC output
Operating	Voltage Range 10-30VDC
Output	Delay Time, OFF to ON 1.0 ms
Output	Delay Time, ON to OFF 0.1 ms
OFF	state leakage current 1 mA
Backplane	Current at 5.1 Volts 0.135 A
Continuous	current per point 1.5 A @ 30 °C (86 °F) 1.0 A @ 55 °C (131 °F)
Continuous	current per module, max 6.4 A @ 0...60 °C (32...140 °F)
Voltage	Range 10-50 Volts DC Source
Outputs	16
Current/Output	0.5 or 0.25 amps
Current/Module	8 or 4 amps
Backplane	Current (5 Volts) 280 milliamps
Current/Module	(30 Celsius) 9 amps
Applications	High Current
Step	Response 60 milliseconds in, 2.5 milliseconds out
Heat	Dissipation 7.6 Watts
UPC	10662468067055
Manufacturer	Rockwell Automation
Module	Type Digital DC Output Module
Series	SLC500
Part	Number/Catalog No. 1746-OB16
Brand	Allen-Bradley
No.	of Outputs Sixteen (16) output

3. Product Information

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Module Type Digital DC Output Module

Series SLC500

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Brand Allen-Bradley

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Operating Voltage Range 10-30VDC

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UNSPSC 32151705 Technical specifications for 1746-OB16

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