

Allen-Bradley 1746 1747 Series Service Manual

1746-OA8

1. Description

The Allen-Bradley 1746-OA8 is an SLC 500 discrete AC output module. This module has Eight (8) output channels in Two (2) groups of Four (4) channels each. It delivers an output voltage range of 85-264VAC with frequency of 47-63 Hz. It has a backplane current of 185 mA @ 5VDC. Technical specifications for 1746-OA8

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Module	Type Discrete AC output module
Series	SLC 500
Part	Number/Catalog No. 1746-OA8
Brand	Allen-Bradley
No.	of groups 2
No.	of channels per group 4
Nom	Output Voltage 120 / 240 VAC
Output	Voltage Range 85-264 VAC
Backplane	current consumption 185 mA
ON	Signal delay, max. resistive load 1 ms
OFF	Signal delay, max. resistive load 11 ms
Continuous	current per point 1.00 A at 30 °C (86 °F); 0.5 A at 60 °C (140 °F)
Continuous	current per module 8.0 A at 30 °C (86 °F); 4.0 A at 60 °C (140 °F)
On-state	voltage drop, max 1.5V at 1.0 A
Surge	current per point 10 A for 25 ms
Voltage	Range 85-265 Volts AC
Outputs	8
Current/Output	at 30 Celsius 1 amp
Current/Output	at 60 Celsius 0.5 amp
Backplane	Current (5 Volts) 185 milliamps
Current/Module	(30 Celsius) 8 amps
Applications	General Purpose
Step	Response 60 milliseconds in, 2.5 milliseconds out
UPC	10662073521331

3. Product Information

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Outputs 8

Current/Output at 30 Celsius 1 amp

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Backplane Current (5 Volts) 185 milliamps

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