

Allen-Bradley 1746 1747 Series Service Manual

1794-OB8

1. Description

The 1794-OB8 output module is an Allen-Bradley/Rockwell Automation output module from the Flex I/O 1794 series. Its outputs are all sourcing current types of outputs and they are not isolated. The 1794-OB8 output module has been rated for safe operation in both European hazardous locations and North American hazardous locations. The outputs are not fused at the factory, but fusing them Technical specifications for 1794-OB8

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1794-OB8
Product	Type Flex I/O Digital DC Output Module
Outputs	8 Sourcing Current
On-state	Voltage nom. 24V DC
Output	Current Rating 4A
On-state	Current max. 500mA per Channel
On-state	Voltage Drop max. 0.5V DC
Off-state	Leakage Current max. 0.5mA
Isolation	Voltage 50V Continuous
Flexbus	Current 60mA @ 5V DC
Power	Dissipation 3.3W @ 31.2V DC max.
Thermal	Dissipation 11.2 BTU/hr. @ 31.2V DC max.
UPC	10612598181299 Description
The	Allen-Bradley 1794-OB8 is a 1794 FLEX Digital DC Output Module. It is fitted inside the terminal bus, making a connection with the field devices and the I/O bus. Modules can be inserted or removed under power since the I/O module does not have any direct wiring. It in turn saves time and removes system restarting inefficiency. The 1794-OB8 module has 8 current sourcing outputs. It has 24V DC nominal On-State output voltage. It has a maximum output delay time of 0.5ms from Off-to-On a

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