

CONTROLLOGIX

Product Data Sheet

1756-OF6VI

Isolated Analog Voltage Output Module

OUTPUT CHANNELS	OUTPUT RANGE	RESOLUTION	5.1 V BACKPLANE CURRENT
6 individually isolated	± 10.5 V	14 bit across 21 V; 1.3 mV	250 mA

1756-OF6VI is a six-channel isolated analog voltage output module in the Allen-Bradley ControlLogix family. It supplies independently isolated voltage signals for compatible industrial control circuits.

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VERIFIED TECHNICAL DATA

Output channels	6 individually isolated
Output range	± 10.5 V
Resolution	14 bit across 21 V; 1.3 mV
5.1 V backplane current	250 mA
24 V backplane current	175 mA
Total backplane power	5.5 W
Power dissipation	4.85 W maximum
Output impedance	Less than 1 ohm
Output load	Greater than 1000 ohm; 10 mA drive capability
Settling time	Less than 2 ms to 95% with resistive load

ADDITIONAL PRODUCT DATA

Calibrated accuracy at 25deg C	Better than 0.1% of range
Module scan time	25 ms floating-point; 10 ms integer maximum
Isolation voltage	250 V continuous, channel-to-backplane and channel-to-channel
Data format	Integer or IEEE 32-bit floating-point
Removable terminal blocks	1756-TBNH or 1756-TBSH

DOCUMENTED USE SETTINGS

Food Manufacturing and Beverage Production Processing: Food Processing and Packaging.

Chemical Manufacturing and Industrial Process Production: Industrial Chemical Production.

Industrial Manufacturing and Automated Production Processing: Manufacturing Process Automation.

SYSTEM COMPATIBILITY

1756-OF6VI is a isolated analog voltage output module in the ControlLogix platform. Match the exact article and hardware revision to the installed backplane and controller configuration before allocating channels, connections or network resources.

PRODUCT EVIDENCE

Rockwell 1756-UM009G and 1756-TD002M, ControlLogix Analog I/O

AMIKON PRODUCT SUPPORT

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