

Allen-Bradley 1762-IQ8OW6

The Allen-Bradley 1762-IQ8OW6 is a MicroLogix 1200 combination I/O module. This module features Eight (8) sink / source input channels that accepts 10...30V DC @ 30 ° C (86 ° F) and 10...26.4V DC @ 65 ° C (149 ° F) input voltage range. It also has Six (6) Form A relay output channels with operating voltage range of 5-265VAC and 5-125V DC. This module is compatible for use with MicroLogix 1100, Technical specifications for 1762-IQ8OW6

Manufacturer Rockwell Automation

Part Number/Catalog No. 1762-IQ8OW6

Brand Allen-Bradley

Series MicroLogix

Module Type Combination I/O module

No. of Inputs Eight (8) inputs

No. of groups Two (2) input groups

Channels per group: Four (4) channels

Nominal input voltage 24VDC

Input voltage range 10-30 VDC

No. of outputs Six (6) relay outputs

Contact form: Normally Open (N.O.)

Output operating voltage: 5...265V AC; 5...125V DC

Output contact rating: 2.5 A for 240VAC / 120VAC; 1.0 A for 125VDC and 2.0 A for 24VDC

Output module rating: 0.333333333

Input Power 24V DC

Inputs (8) Sink and Source

Operating Voltage Range 10-30V DC

UPC 10662074399076 Description

The Allen-Bradley 1762-IQ8OW6 is a MicroLogix combination I/O module. This module features Eight (8) 24VDC rated sink / source input channels and Six (6) Form A or Normally Open (N.O.) relay output modules that can be operated at 5-265VAC and 5-125VDC voltage range.

This module has a power supply distance rating of Six (6) modules which means that module cannot be installed more that 6 slots away from the power supply. Additionally, this module has a backplane current draw of 110 mA @ 5V DC and 80 mA @ 24V DC with heat dissipation of 5.0 W @ 30V and DC 4.4 W @ 26.4V DC.

The 1762-IQ8OW6 features Three (3) I/O groups. Group 1 is composed of input 0-3; Inputs 4-7 for Group 2 while Group 3 is composed of all the output channels. This module has physical dimension of 90 x 40.4 x 87 (3.54 x 1.59 x 3.43 in.) height including mounting tabs is 110 mm (4.33in.) and weighs approximately 280g (0.62 lbs.).

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The input channels has a minimum On-state voltage of 10VDC and maximum Off state voltage of 5VDC. Each channel has a rated signal delay of 8 ms for both ON to OFF and OFF to ON transitions. The Normally Open (N.O.) output channels has switching delay of 10 ms for both ON and OFF transitions. The module ' s continuous dcurrent per point depends on the operating voltage specifically, 2.5 A for 240VAC / 120VAC; 1.0 A for 125VDC and 2.0 A for 24VDC while the module ' s maximum current per module is 8 A.

The 1762-IQ8OW6 weighs around 0.62 pounds. The 1762-IQ8OW6 cannot be placed more than 6 modules away from the main power supply. Its minimum on-state voltage is 10 Volts DC while its on-state current is 10 mA at 5 Volts DC. Its AC/DC outputs are normally open relay outputs with an operating voltage range of 5 to 265 Volts AC and 5 to 125 Volts DC. The output specifications include a maximum signal delay with a resistive load is 10 milliseconds for the on-delay and the maximum delay is 10 milliseconds for the off-delay. The 1762-IQ8OW6 ' s maximum off-state output leakage is 0 mA and its minimum output on-state current is 10 mA. The module ' s maximum continuous current per common and per module are both 8 A. For the 1762-IQ8OW6 ' s relay contact ratings, the maximum voltage is 240 Volts AC and the maximum continuous Amperes are 2.5 A.



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