


Allen-Bradley
 by ROCKWELL AUTOMATION

 Catalog #: 1762-0W8 
MicroLogix 8 Point Relay Output Module

Lifecycle status: Active Mature

Technical Specifications

Electrical

Number of digital outputs	8
Time delay at signal exchange	10 ms
Suitable for safety functions	No
Digital inputs configurable	No
Digital outputs configurable	No
Type of output voltage	AC/DC
Type of digital output	Relay
Type of electric connection	Screw connection
Heat dissipation, max	2.9 W
Continuous current per common, max	8 A
Continuous current per module, max	16 A
Continuous current per point, max	2.5 A
Bus current draw, max	90 mA @ 24V DC (2.16 W)
Signal delay, resistive load, max	On Delay: 10 ms Off Delay: 10 ms
Power supply distance rating	6 (The module may not be more than 6 modules away from the power supply.)
Isolated groups	Group 1: Outputs 0...3, Group 2: Outputs 4...7
Output group to backplane isolation	Verified by one of the following dielectric tests: 1836V AC for 1s or 2596V DC for 1s, 265V AC working voltage (IEC

		Class 2 reinforced insulation)
Output group to output group isolation		Verified by one of the following dielectric tests: 1836V AC for 1s or 2596V DC for 1s, 265V AC working voltage (basic insulation), 150V AC working voltage (IEC Class 2 reinforced insulation)
Redundancy		No
Short-circuit protection, outputs available		No
Mechanical		
Width		40.4 mm
Height		90 mm
Depth		87 mm
Weight		228 g
Shock		Operating: 30G panel mounted, 3 pulses per axis Relay Operation: 7G
Vibration		Operating: 10...500 Hz, 5G, 0.030 in. max. peak-to-peak, 2 hours per axis Relay Operation: 1.5G
Relay Outputs		
Relay output, break volt-ampere		28VA @ 24V DC
Relay output, continuous		2.5 A @ 240V AC
Relay output, break		1.5 A @ 120V AC
Relay output, make		7.5 A @ 240V AC
Relay output, make volt-ampere		28VA @ 24V DC
Input Specifications		
Voltage category		AC/DC normally open relay
On-state current, min		10 mA
Operating voltage		5...265V AC
Output Specifications		
Off-state leakage current, max		0 mA
Environmental		
ESD immunity		IEC1000-4-2: 4kV contact, 8kV air, 4kV indirect
Conducted RF immunity		IEC 1000-4-6: 10V, 0.15...80 MHz
EFT/B immunity		IEC1000-4-4: 2kV, 5 kHz

Hazardous environment class	Hazardous Location, Class I, Division 2 Groups A, B, C, D (UL 1604, C-UL under CSA C22.2 No. 213)
Operating temperature	-20 to 65 °C
Surge transient immunity	IEC1000-4-5: 2 kV common mode, 1kV differential mode
Radiated RF immunity	IEC1000-4-3: 10 V/m, 80...1,000 MHz, 80% amplitude modulation, +900 MHz keyed carrier
Altitude	2000 m
Storage temperature	-40 °C
Radiated and conducted emissions	EN50081-2: Class A
Operating humidity	5...95% noncondensing

Documentation

For all available documentation, please see the [literature results](#).

Certifications

- UL Listed Hazardous

This product was certified with the above certifications as of 2024-06-26. Products sold before or after this date might carry different certifications. Please review the product label to check for the certifications your specific product carries.



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