

Micro800™

2080-OW2IHC

2-Channel High Current Relay Output Module



The 2080sc-OW2IHC Output Plug-In Module allows you to switch resistive or inductive loads of up to 10 A per channel in one I/O module. The wide operating range allows low-voltage, DC control or high-voltage AC switching. The Form A, normally open relays provide high-current switching for a variety of applications.

Reduce System Costs

- Two channels Form A N.O. relay outputs.
- Up to 10 amperes output current.
- Easy to configure using RSLogix programming software.
- LED indicators show visual status of the relay state.
- AC and DC voltages.
- Use for applications such as timers, temperature controllers, and boiler control.

2080sc-OW2IHC Specifications

Output Types	2-channel relay output, Form A, normally open
Maximum Pilot Duty	B300; R300
Resolution	16 bits
Contact Rating	Load: Resistive (cos[0] =1)
Load Rating	10 A at 5-30 VDC 10 A at 125 VAC 10 A at 250 VAC
Output Power Rating	300 W maximum at 30 VDC 1250 VA (volt-amperes) at 125 VAC 2500 VA (volt-amperes) at 250 VAC
Switching Frequency (maximum)	Maximum 1 cycle/3 seconds (1.5 seconds on, 1.5 seconds off)
Switching Time (maximum)	10 ms maximum on/off; Normally open; 5 ms typically
Input Contact Resistance	<5 Mohm maximum
Release Time	5 ms maximum
Backplane current required	35 mA at 3.3 V maximum, 20 mA at 24 V maximum
Environmental Conditions	
Operational Temperature	-20 °C - 65 °C (-4 °F - 149 °F)
Storage Temperature	-40 °C - 85 °C (-40 °F - 185 °F)
Relative Humidity	5% - 95% (non-condensing)
Thermal Dissipation	2.2 Watts, maximum
Certifications	UL/cUL Listed ANSI ISA 12.12.01 (Class I, Div 2, Groups ABCD), CE
Recommended Cable	Belden 8761 or equivalent
Weight	34 g (1.184 ozs)