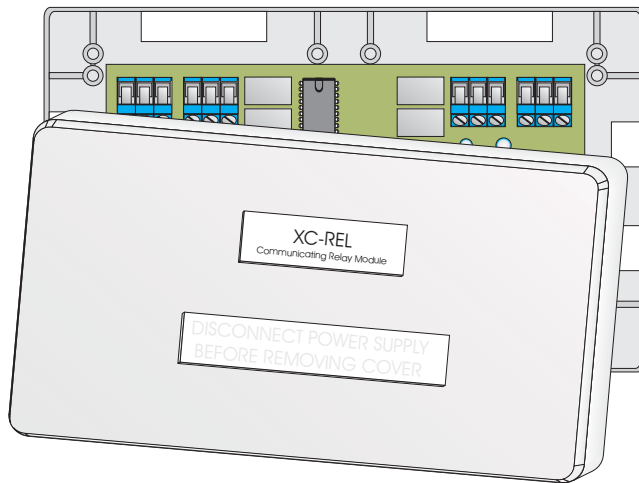


# Serial-Mod™



## XC-REL Communicating Relay Module

### FOUR (4) INDEPENDENT NC/NO RELAYS with ON-BOARD SCHEDULING

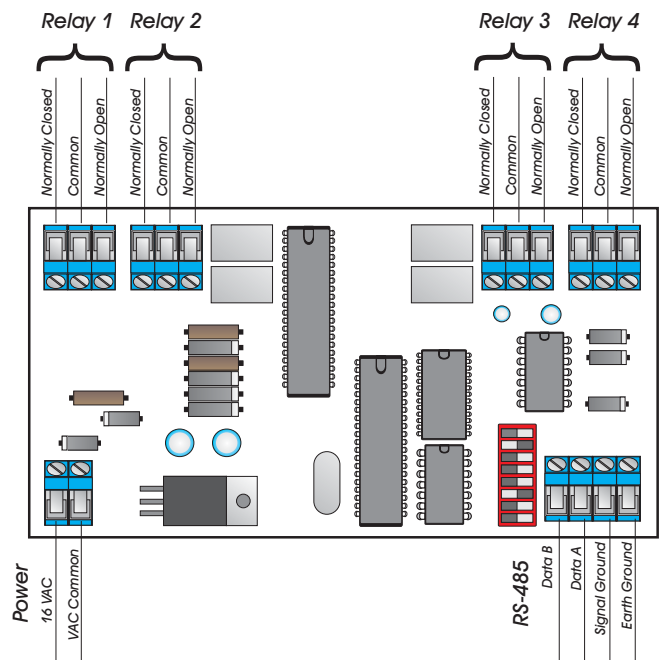


### GENERAL DESCRIPTION

The XC-REL communicating relay module is designed for adding scheduling and control to any generic relay application. The relay module represents the latest in communications techniques incorporated into a rugged plastic case. The module contains four (4) independently controllable relays, each with NC, Common and NO connections. The RS-485 communications bus allows simple connection to the XCI network adapters for complete access and control from any location. Each relay may be addressed separately for a possible total of over 1000+ relay modules on a network. Built-in non-volatile memory allows up to 256 schedules to be downloaded from the XCI Command Center software and stored in the relay module.

### STANDARD FEATURES

- ✓ Four (4) Independent Relays per module
- ✓ All relays are SPDT type, 1A@30VDC, 0.3A@110VDC, 0.5A@125VAC
- ✓ Power input 16Vac, +/- 20%, 100mA
- ✓ Case dimensions 6 3/16" H x 3 3/4" W x 1 3/8" D
- ✓ Eight (8) way wiring knockouts with cable clamps included
- ✓ Microprocessor controlled solid-state electronics
- ✓ Operates on any two-wire RS-485 network with 9600 baud communications rate
- ✓ Open ASCII protocol allows control software to be written in any language
- ✓ Non-volatile memory for storage of up to 256 schedules
- ✓ No battery needed with power outages of any duration
- ✓ Scheduled events are triggered from relay module
- ✓ Daily time/day clock synchronization from XC-SSA2/CLK network adapter
- ✓ Applications include damper control, lighting, setback control, event scheduling



**NOTE: Specifications are subject to change without notice.**

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P/N 200003-004

# SPECIFICATIONS

Rated Voltage :	16VAC nominal, +/- 20 %
Rated A.C. Current :	100 mA maximum
RS-485 Mode :	Slave only
RS-485 Addressing :	1 - 255; DIL switchable
Indicator LEDs :	PWR (power)      blinking - normal operation; steady - system interruption occurred
	Relay 1      OFF = Energized; ON = De-Energized
	Relay 2      OFF = Energized; ON = De-Energized
	Relay 3      OFF = Energized; ON = De-Energized
	Relay 4      OFF = Energized; ON = De-Energized
Dimensions :	6 3/16" H x 3 3/4" W x 1 3/8" D
Power Terminations :	AC - power, (c) - power common
Relay Terminations :	NC (normally closed), C (common), NO (normally open) common for all 4 relays
RS-485 Terminations :	A (data +), B (data -), SG (signal ground), EG (earth/frame ground)

## TYPICAL POWER CONNECTION

