AIR PRODUCTS
AND
CONTROLS

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RIC SERIES
MULTI-VOLTAGE RELAY MODULES

PRODUCT DESCRIPTION

The RIC-1 and RIC-2 Series Relays are multi-voltage devices providing form "C" contacts rated for up to 10 amps. The relays may be energized by one of three input voltages: 24VDC, 24VAC, or 115VAC. Each relay contains a red LED which indicates when the relay coil is energized. To mount the RIC-1 and RIC-2 place the spud through a 1/2 in. (12.7mm) knockout on a junction box. The relays are also packaged with wire-nuts to aid installation.

The RIC-1 and RIC-2 Relays are ideal for applications where remote relays are required for control or status feedback. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management and Lighting Control Systems.
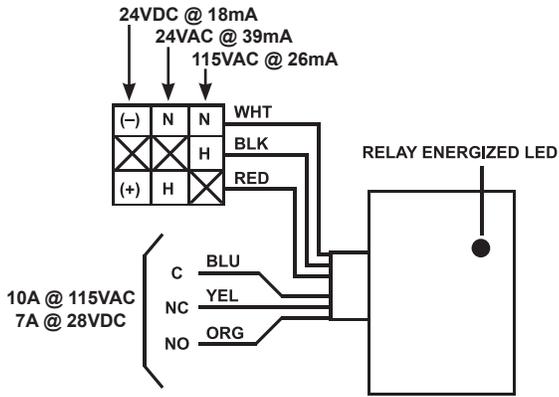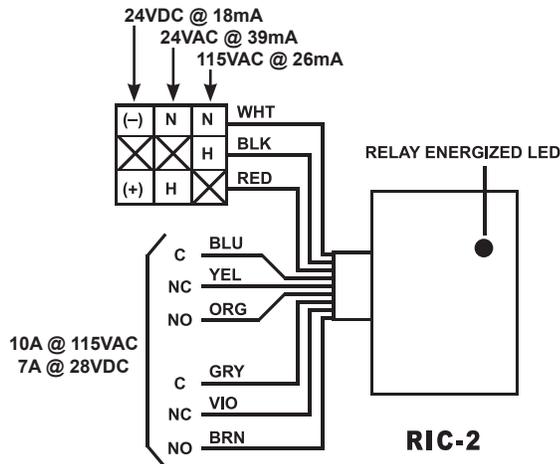
RIC-1

RIC-2

WIRING

RIC-1

24VDC @ 18mA
24VAC @ 39mA
115VAC @ 26mA

(–) N N WHT
        H BLK   RELAY ENERGIZED LED
(+) H   RED

C   BLU
NC YEL
NO ORG

10A @ 115VAC
7A @ 28VDC

RIC-2

24VDC @ 18mA
24VAC @ 39mA
115VAC @ 26mA

(–) N N WHT
        H BLK   RELAY ENERGIZED LED
(+) H   RED

C   BLU
NC YEL
NO ORG

10A @ 115VAC
7A @ 28VDC

C   GRY
NC VIO
NO BRN

UUKL
Smoke Control

c UL us
LISTED

CSFM LISTED

MEA ACCEPTED

Distributed By:

PRODUCT SPECIFICATIONS

MODEL NUMBER:		**RIC-1**	**RIC-2**
POWER REQUIREMENTS:		24VAC/24VDC/115VAC	24VAC/24VDC/115VAC
POLARIZED:		No	No
ENERGIZED LED INDICATOR:		Yes	Yes
COIL REQUIREMENTS:			
	@24VDC	18mA	18mA
	@24VAC	39mA	39mA
	@115VAC	26mA	26mA
CONTACT CONFIGURATION:		(1) SPDT dry form "C"	(1) DPDT dry form "C"
CONTACT RATINGS:			
	@28VDC	7A resistive	7A resistive
	@115VAC	10A resistive / 0.35PF inductive	10A resistive / 0.35PF inductive
WIRE LEADS:		6 "flying" leads	9 "flying" leads
		12" / 18 AWG	12" / 18 AWG
		Wire-nuts provided	Wire-nuts provided
AMBIENT TEMPERATURE:		32°F to 120°F	32°F to 120°F
@ 85% RH, NON-condensing		(0°C to 49°C)	(0°C to 49°C)
MOUNTING:		Spud mounting through 1/2" conduit knockout	
DIMENSIONS:			
	H	2.50" (63mm)	2.50" (63mm)
	W	1.75" (44mm)	1.75" (44mm)
	D	1.30" (33mm)	1.30" (33mm)
LISTINGS AND APPROVALS:	UL*	UOXX/7.S3403	UOXX/7.S3403
	UUKL*	UL864	UL864
	MEA	73-92-E Vol. 23	73-92-E Vol. 23
	CSFM	7300-1004:101	7300-1004:101

*UOXX=Control Unit Accessories, System; /7=also Certified for Canada

*UUKL (UL864) = Smoke Control System Equipment System