

RIC-3 and RIC-4

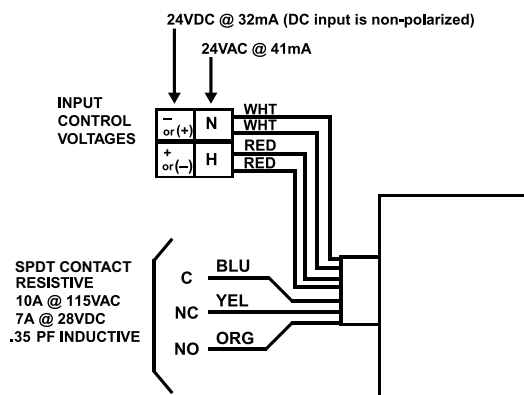
PULSED-INPUT, STEADY-OUTPUT RELAYS

PRODUCT DESCRIPTION

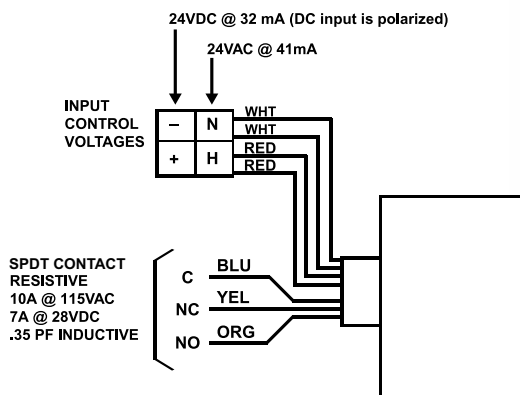
The RIC-3 and RIC-4 Series relays are multi-voltage devices providing SPDT or form "C" contacts rated for up to 10 Amps. The relays may be energized by one of two input voltages, 24VDC or 24VAC. The relays can withstand a momentary interruption of control voltage for 2 to 3 seconds without dropping their contacts. This feature makes them perfect for applications where pulsed or sequenced input voltage is employed, or where momentary control voltage interruption is expected. The RIC-3 is non-polarized on the DC control input and the RIC-4 is DC input polarized making the RIC-4 a perfect choice for supervised pulsing circuits which require a "steady" contact output. To mount the RIC-3 or RIC-4 push the spud through a 1/2" (12.7mm) knockout on a junction box. In addition to the redundant wire leads provided on the control voltage input, the relays are also packaged with wire-nuts to aid installation.

The RIC-3 and RIC-4 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.

WIRING



RIC-3



RIC-4



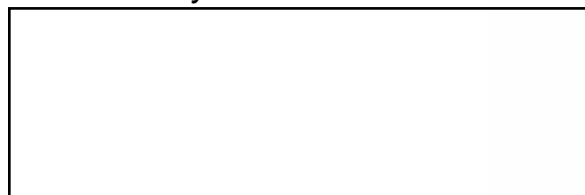
CSFM LISTED

MEA ACCEPTED

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PRODUCT SPECIFICATIONS

MODEL NUMBER:	RIC-3	RIC-4
POWER REQUIREMENTS:	24VAC or 24VDC (non-polarized)	24VAC or 24VDC (polarized)
DELAY UPON DE-ENERGIZATION:	2-3 Seconds	2-3 Seconds
COIL REQUIREMENTS:		
@24VDC	32mA	32mA
@24VAC	41mA	41mA
CONTACT CONFIGURATION:	(1) SPDT dry form "C"	(1) SPDT dry form "C"
CONTACT RATINGS:		
@28VDC	7A resistive	7A resistive
@115VAC	10A resistive / 0.35PF inductive	10A resistive / 0.35PF inductive
WIRING:		
	7 "flying" leads	7 "flying" leads
	12" / 18 AWG Stranded	12" / 18 AWG Stranded
	Wire-nuts provided	Wire-nuts provided
AMBIENT TEMPERATURE:	32°F to 120°F	32°F to 120°F
@ 93% RH, non-condensing	(0°C to 49°C)	(0°C to 49°C)
MOUNTING:	Spud mounting through ½" 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
MEA	73-92-E Vol. 34	73-92-E Vol. 34
CSFM	7300-1004: 101	7300-1004: 101

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

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The products described have specific instructional/installation documentation, which covers various technical, approval, code, limitation and liability information. Copies of this documentation along with any general product warning and limitation documents, which also contain important information, are provided with the product and are also available from Air Products and Controls Inc. The information contained in all of these documents should be considered before specifying or using the products. Any example applications shown are subject to the most current enforced local/national codes, standards, approvals, certifications, and/or the authority having jurisdiction. All of these resources, as well as the specific manufacturer of any shown or mentioned related equipment, should be consulted prior to any implementation. For further information or assistance concerning the products, contact Air Products and Controls Inc. Air Products and Controls Inc. reserves the right to change any and all documentation without notice.