



Automation Components, Inc.

# COMMAND RELAY

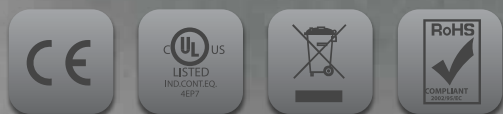
Pilot Duty Command Relays



Stackable feature

Patented Din-Rail Mounting System  
(Pat. No. US 7,416,421)

Status LED



SWITCH W/ RELAY

L: 3.38" W: 1.32" H: 3.56"

COMMAND RELAY

L: 3.29" W: 1.32" H: 1.63"

## COMMAND RELAY

The A/CR Series brings control (start/stop) functionality to your load trending and fan/pump/motor status monitoring applications. Each unit has a Form 1C-SPDT relay which provides both a N/O and a N/C contact in the same device. The patented 35mm Din-Rail mounting flange (US Patent #7,416,421) will allow you to use the A/CR Series with any ACI Current Sensor or Switch for application flexibility. The stacking feature will allow you to reduce the required panel space, since up to two devices may be stacked together during installation.

The A/CR Series is covered by ACI's Five (5) Year Limited Warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is: [www.workaci.com](http://www.workaci.com).



Made in the U.S.A.



# COMMAND RELAY

Automation Components, Inc.



Pilot Duty Command Relays

## SPECIFICATIONS

Din Rail	35mm
Electrical Life	30,000 (typical)
Mechanical Life	10,000,000 (typical)
Unit Weight	2 oz (0.125lb.)
Enclosure Flammability Rating	UL94-5VB / Burgundy
Operating Temperature	-15 to 40°C (5 to 104°F)
Operating Relative Humidity	0 to 95% RH, non-condensing
Status LED	All units
Agency Approvals	UL 508 (E179139), CE

## ORDERING SPECIFICATIONS

CONTACT RATINGS		CONTACT RATINGS		CONTACT RATINGS	
A/CR-DC-5A	5A @ 250VAC General Use	A/CR-DC-12A	12A @ 250VAC General Use	A/CR-12DC-12A	12A @ 250VAC General Use
	5A @ 125VAC Resistive		12A @ 125VAC Resistive		12A @ 250VAC Resistive
	5A @ 30VDC Resistive		12A @ 30VDC Resistive		12A @ 30VDC Resistive
	1/4HP, 120/250/277VAC		1HP, 120/250/480VAC-NO		1HP, 120/240/480VAC-NO
C 150 Pilot Duty		A300 Pilot Duty		A300 Pilot Duty	
CONTACT RATINGS		CONTACT RATINGS		CONTACT RATINGS	
A/CR-24AC-10A	10A @ 250VAC General Use	A/CR-115AC-8A	8A @ 250VAC General Use	A/CR-230AC-8A	8A @ 250VAC General Use
	10A @ 250VAC Resistive		8A @ 250VAC Resistive		8A @ 250VAC Resistive
	10A @ 30VDC Resistive		8A @ 30VDC Resistive		8A @ 30VDC Resistive
	1HP, 120/240/480VAC-NO		1HP, 120/240/480VAC-NO		1HP, 120/240/480VAC-NO
1/2HP, 120/240/480VAC-NC		1/2HP, 120/240/480VAC-NC		1/2HP, 120/240/480VAC-NC	
A300 Pilot Duty		A300 Pilot Duty		A300 Pilot Duty	

## ORDERING

**BUILD YOUR PART#**

EXAMPLE

A/CR-DC-5A

STEP 1

**COMMAND RELAY**

Select command relay.

Part Number	Coil Rating
A/CR-DC-5A	23-31.2VDC, 15mA@24VDC
A/CR-DC-12A	20-31.2VDC, 16mA@24VDC
A/CR-12DC-12A	10-15.6VDC, 30mA@12VDC
A/CR-24AC-10A	16-26.4VAC, 28mA@24VAC
A/CR-115AC-8A	80-132VAC, 10mA@115VAC
A/CR-230AC-8A	165-264VAC, 5mA@230VAC



All Current Sensors, Switches and Command Relays have a UL94-5VB flammability rating for the enclosure.

Note: Do not use in Life and Safety applications or in a hazardous location.