



Command Relay

# Command Relay

## Pilot Duty Command Relays

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 (Pat. no. US 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).



## Specifications

<b>Din Rail</b>	35mm					
<b>Electrical Life</b>	30,000 (typical)					
<b>Mechanical Life</b>	10,000,000 (typical)					
<b>Unit Weight</b>	2 oz (0.125lb.)					
<b>Flammability Rating</b>	UL94-5VB/Burgundy					
<b>Operating Temp</b>	-15 to 40°C (5 to 104°F)					
<b>Operating Humidity</b>	0 to 95% RH, non-condensing					
<b>Status LED</b>	All units					
<b>Product Dimensions</b>	Switch with Relay: (L) 3.38" (W) 1.32" (H) 3.56"			Command Relay: (L) 3.29" (W) 1.32" (H) 1.63"		
<b>A/CR-DC-5A</b>	5A @ 250 VAC*	5A @ 125 VAC**	5A @ 30 VDC**	1/4HP, 120/250/277 VAC	----	C 150 PD
<b>A/CR-DC-12A</b>	12A @ 250 VAC*	12A @ 125 VAC**	12A @ 30 VDC**	1HP, 120/250/480 VAC-NO	1/2HP, 120/250/480-NC	A300 PD
<b>A/CR-12DC-12A</b>	12A @ 250 VAC*	12A @ 250 VAC**	12A @ 30 VDC**	1HP, 120/240/480 VAC-NO	1/2HP, 120/240/480 VAC-NC	A300 PD
<b>A/CR-24AC-10A</b>	10A @ 250 VAC*	10A @ 250 VAC**	10A @ 30 VDC**	1HP, 120/240/480 VAC-NO	1/2HP, 120/240/480 VAC-NC	A300 PD
<b>A/CR-115AC-8A</b>	8A @ 250 VAC*	8A @ 250 VAC**	8A @ 30 VDC**	1HP, 120/240/480 VAC-NO	1/2HP, 120/240/480 VAC-NC	A300 PD
<b>A/CR-230AC-8A</b>	8A @ 250 VAC*	8A @ 250 VAC**	8A @ 30 VDC**	1HP, 120/240/480 VAC-NO	1/2HP, 120/240/480 VAC-NC	A300 PD

\*(General Use)    \*\*(Resistive)

## Ordering

Select one Command Relay (A). Command Relays are not to be used in Life & Safety applications, or in hazardous locations.

### A Command Relay

- A/CR-DC-5A** (Coil Rating: 23-31.2 VDC, 15 mA @ 24 VDC)
- A/CR-DC-12A** (Coil Rating: 20-31.2 VDC, 16 mA @ 24 VDC)
- A/CR-12DC-12A** (Coil Rating: 10-15.6 VDC, 30 mA @ 12 VDC)
- A/CR-24AC-10A** (Coil Rating: 16-26.4 VAC 50/60 Hz, 28.3 mA @ 24 VAC)
- A/CR-115AC-8A** (Coil Rating: 80-132 VAC 50/60 Hz, 5.35 mA @ 115 VAC)
- A/CR-230AC-8A** (Coil Rating: 165-264 VAC 50/60 Hz, 2.76 mA @ 230 VAC)

## Build your part number

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

A

EXAMPLE: A/CR-DC-5A



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