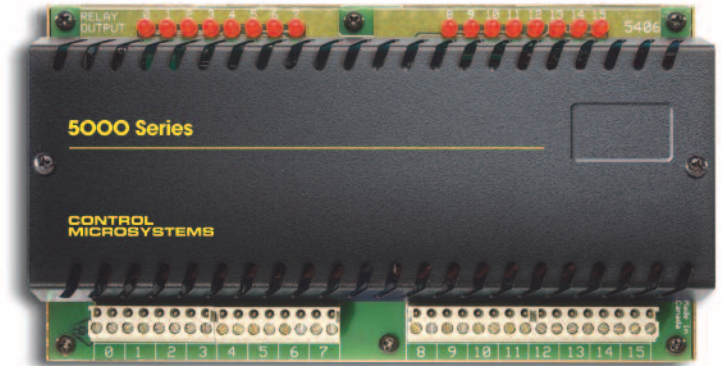


# 5406A

## Dry Contact Relay Out Module

### Features:

- 16 mechanical relays
- Highest output load current
- Zero leakage current
- Individually isolated
- Modifiable for Form B (NC) operation
- 3 year warranty on parts and labor



### Specifications

<b>Number of Relay Outputs</b>	16
<b>Type</b>	Sealed mechanical relay, Form A (normally open) contacts
<b>Contact Ratings</b>	6A @ 250VAC resistive loads, 6A @ 30VDC resistive loads 3.5A at 30VDC/250VAC inductive load (pf=0.4, L/R=7 ms), 1/4 HP 125VAC 3A maximum in Class 1, Division 2 hazardous locations
<b>Operating Frequency</b>	18,000 operations/hour mechanically, 1,800 electrically at rated load
<b>Service Life</b>	1,500,000 operations at 0-250mA loads, 600,000 operations at 1A resistive load 100,000 operations at 6A resistive load, 300,000 operations at 1A inductive loads (pf=0.4) 100,000 operations at 3.5A inductive loads (pf=0.4)
<b>Operate Time</b>	10mS maximum, 5mS typical
<b>Release Time</b>	10mS maximum, 2mS typical
<b>Bounce Time</b>	3mS typical
<b>Contact Isolation</b>	1000VAC
<b>Logic Isolation</b>	1500VAC
<b>Addressing</b>	DIP switch configurable
<b>Power Requirements</b>	<b>5V Bus Power</b> - 5V @ 600mA with all LEDs and all relays energized <b>External Power</b> - 5V @ 65mA with all LEDs and all relays energized
<b>Visual Indicators</b>	16 red LEDs, controlled for power reduction
<b>Field Terminations</b>	Four, 8 pole, removable terminal block, 12 to 22 AWG, 15 amp contacts Additional three pins on connector P3 to support external power
<b>Dimensions</b>	8.37 inch (215 mm) wide, 4.625 inch (118 mm) high, 1.75 inch (44 mm) deep
<b>Mounting</b>	7.5 x 35 DIN rail
<b>Packaging</b>	Corrosion resistant zinc plated steel with black enamel paint
<b>Environment</b>	5% RH to 95% RH, non-condensing, -40°C/F to 70°C /158°F
<b>Safety</b>	cCSAus and cULus Class I, Division 2 Hazardous Area Rating, UL508 listed
<b>Part Number</b>	297284