

# 5415

## Compact Relay Digital Output Module

### Features:

- 12 digital outputs
- Dry Contact or Solid State Relay variants
- Isolated in 3 groups of 4
- LEDs can be disabled to conserve power
- Very low power requirements
- 3 year warranty on parts and labor



### Specifications

<b>Number of Digital Outputs</b>	12	
<b>Type</b>	Form A Contacts (Normally open), Dry Contact or Solid State Relay variants 4 contacts per common	
<b>Contact Rating</b>	12A maximum per common Dry Contact Version: 3A, 30VDC or 250VAC (Resistive) Solid State Relay Version: 60VDC max., 3A max. at 50°C, 2A max. at 70°C	
<b>Switching Capacity (Dry Contact Version)</b>	5A, 30VDC (150W Resistive) 5A X 250VAC (1250VA Resistive)	
<b>5V Power Requirements</b>	5mA Quiescent Dry Contact version: 150mA relays on, LEDs on 130mA relays on, LEDs off Peak current during off-to-on transition of any, or all relays - 280mA total for 15ms duration Solid State Relay version: Relays on, LEDs on - 144mA Relays on, LEDs off - 120mA	
<b>10-30VDC Power Requirements</b>	Dry Contact version: 1.0W maximum with 1.65W peak for 15ms durations Solid State Relay version: 1.0W maximum	
<b>Visual Indicators</b>	Logic powered LEDs. Can be disabled to conserve power	
<b>Field Terminations</b>	12 to 22 AWG, 15A contacts	
<b>Dimensions</b>	2.90 inch (74mm) wide, 4.90 inch (124mm) high, 1.80 inch (45mm) 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 to 70°C [-40°F to 158°F] operation, -40°C to 85°C [-40°F to 185°F] storage	
<b>Safety</b>	Class I, Division 2, Groups A, B, C and D and CSA certified to UL508 standards ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2) (5415-A only) Maximum permitted voltage in Canada or North America is 240VAC Maximum permitted voltage outside of Canada or North America is 30VAC/42.4PK/60VDC	
<b>Model</b>	<b>Part Number</b>	<b>Description</b>
5415	297382	12 Point Compact Mechanical Relay Output Module
5415-A	297384	12 Point Compact Solid-State Relay Output Module, ATEX and IECEx

Note: Module not supported on 16-bit SCADAPack platform (SCADAPack, SCADAPack Light, SCADAPack Plus, SCADAPack 100 and SCADAPack LP)