

5415

Compact relay digital output module

- 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



Product Data Sheet 5415

Specifications



5415 Compact relay digital output module

General

Number of Digital Outputs	12	
Type	<ul style="list-style-type: none"> Form A Contacts (Normally open), Dry Contact or Solid State Relay variants 4 contacts per common 	
Contact Rating	<ul style="list-style-type: none"> 12A maximum per common Dry Contact Version: 3A, 30VDC or 250VAC (Resistive) Solid State Relay Version: 60VDC max., 3A max. at 50°C (122°F), 2A max. at 70°C (158°F) 	
Switching Capacity (Dry Contact Version)	<ul style="list-style-type: none"> 5A, 30VDC (150W Resistive) 5A X 250VAC (1250VA Resistive) 	
5V Power Requirements	<p>5mA Quiescent</p> <p>Dry Contact version:</p> <ul style="list-style-type: none"> 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 <p>Solid State Relay version:</p> <ul style="list-style-type: none"> Relays on, LEDs on - 144mA Relays on, LEDs off - 120mA 	
10-30VDC Power Requirements	<p>Dry Contact version: 1.0W maximum with 1.65W peak for 15ms durations</p> <p>Solid State Relay version: 1.0W maximum</p>	
Visual Indicators	Logic powered LEDs. Can be disabled to conserve power	
Field Terminations	12 to 22 AWG, 15A contacts	
Dimensions	74mm wide x 124mm high x 45mm deep (2.90in. x 4.90in. x 1.80in.)	
Mounting	7.5 x 35 DIN rail	
Packaging	Corrosion resistant zinc plated steel with black enamel paint	
Environment	<ul style="list-style-type: none"> 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 	
Safety	<ul style="list-style-type: none"> 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 	
Model	Part Number	Signal Range
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)

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