ESC87

Single Pole Double Throw- Relay Module-Low Profile

Product Overview

The ESC87 is a SPDT relay module. The units are available with a number of different coil options including the ESC-RM1 sensitive coil version to reduce the load on BMS controllers such as Trend outstations. The ESC87 can be used for converting a triac digital output to a VFC and the ESC87 for switching loads on controllers with 24Vdc powered digital outputs.

Product Features

- Large Range of Coil Options .
- Optional diode and LED modules available - please enquire .
- Assembled on DIN rail carrier, with retaining clip .
- Sensitive coil 12Vdc version can convert BMS Outputs to

Product Overview

Coil Specification	Model	Description
Coil Rating:	ESC87-2011-35-S012	12Vdc, Coil Current 20.8mA (sensitive coil)
	ESC87-2011-35-5024	24Vac, Coil Current 31.6mA
	ESC87-2011-35-1024	24Vdc, Coil Current 16.7mA
	ESC87-2011-35-5230	230Vac, Coil Current 3.2mA
Contact Rating:	ESC87-2011-35-S012	SPDT - 250V @ 10A (Resistive)
	ESC87-2011-35-5024	SPDT - 250V @ 12A (Resistive)
	ESC87-2011-35-1024	SPDT - 250V @ 12A (Resistive)
	ESC87-2011-35-5230	SPDT - 250V @ 12A (Resistive)
Dielectric Strength:	5000Vrms coil to contacts	
Contact Material:	AgNi 90/10	
Terminals:	Rising Clamp for 0.5-2.5mm² cable	
Ambient Temperature Range:	-25˚C to 85˚C	
Dimensions:	77 x 15.5 x 69mm (max.)	
Country of Origin:	United Kingdom	

Order Codes

Part Number	Description
ESC-RM1-12DC	Single Pole Double Throw Relay Module 12Vdc Sensitive Coil
	Relay Part No: ESC87N-2011-35-S012, Base & Clip: ESC-GZ92-1P
ESC-RM1-24AC	Single Pole Double Throw Relay Module 24Vac Coil
	Relay Part No: ESC87-2011-35-5024, Base & Clip: ESC-GZ92-1P
ESC-RM1-24DC	Single Pole Double Throw Relay Module 24Vdc Coil
	Relay Part No: ESC87-2011-35-1024, Base & Clip: ESC-GZ92-1P
ESC-RM1-230AC	Single Pole Double Throw Relay Module 230Vac Coil
	Relay Part No: ESC87-2011-35-5230, Base & Clip: ESC-GZ92-1P

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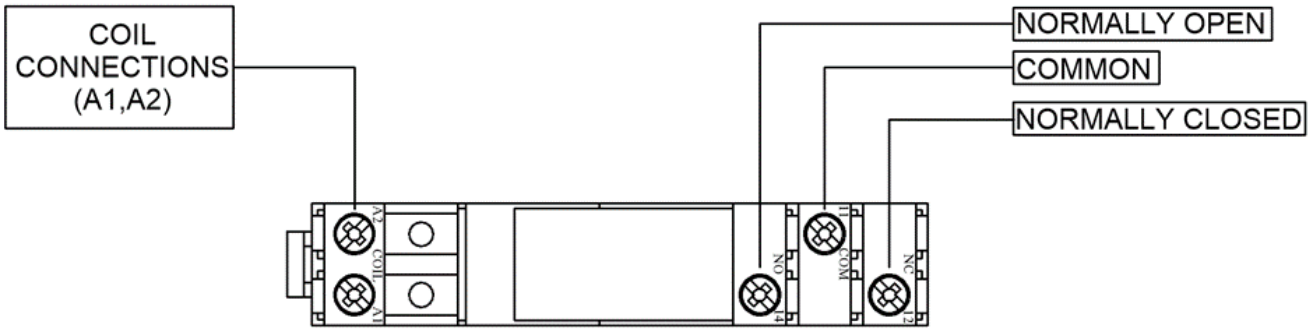
Installation

The ESC87 should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment which it is to connected to. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to using screened cabled where necessary.

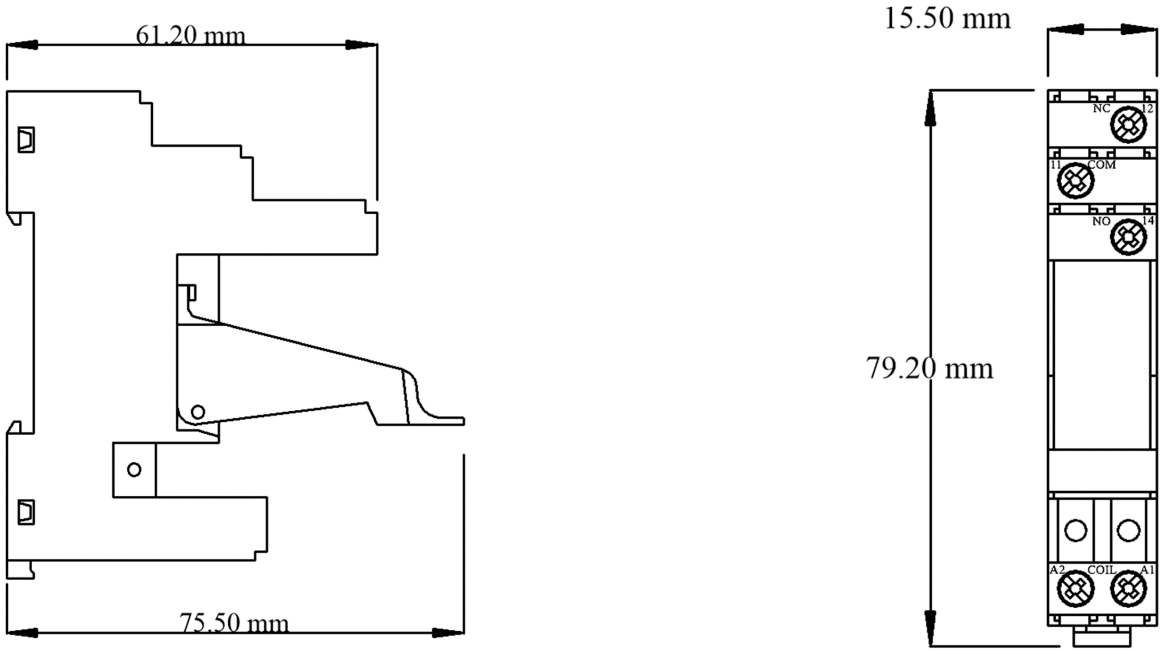
WARNING! The ESC87 is designed to switch mains voltage and therefore dangerous voltages may be present on the module. Ensure that the power is isolated before working on this module.

The ESC-RM1 would typically be located within the controller section of a BMS control panel. The module can be snapped on to standard “top hat” profile DIN rail by levering the clip downwards to allow the unit to locate without the need for excessive force. These modules are supplied as an assembled relay, DIN rail base and clip. These parts are assembled at the Annicom factory in the UK. Annicom reserve the right to supply these modules using various manufacturers relays and bases. As such, the relay and base may show other manufacturers logos and pat numbers.

Description & Connections



Dimensions



Datasheet Content

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