

## 3SRM-AC Three Single Relay Module, AC Signal Input

### Description

The 3 SRM-AC Module is intended for use with Direct Digital Controllers to convert three Digital Output Triacs into three Relay Switching Outputs.

The 3 SRM-AC Module is constructed on a Epoxy Glass Laminate and housed in an industry standard 80mm DIN Rail Mounting. Generous 2.5mm<sup>2</sup> terminals are provided for the field interconnections.

The 3 SRM-AC Module is CE rated and is RoHS compliant.



### Applications

Applications include the switching via Relay contacts of any Plant up to a 10Amp resistive load.

Converting low power Triac or Relay type Digital Outputs to Relay operation.

To provide Local Manual Control of the Plant in case of controller failure.

Local Manual Control of the Plant will also enable pre-commissioning and testing.

To provide a Local LED indication of Output Status.

To provide isolation of the controller from the Harsh Plant Environment, protecting the Controller.

The inputs are suited to controllers with Triac outputs.

### Features

Provides 3 SPDT Relay Output channels C/NO/NC

Auto/On/Off jumper for plant checkout and override.

LED status indication.

A remote Auto/On/Off Switch is available.

Design for DIN rail mounting.

Rising cage Terminals.

Flame retardant Polyamide DIN mounting.



### Specifications

Input Signal: 3 x Triac or Relay closure to common (0V).  
Output Contacts: 10 Amp @ 230V AC Resistive. S.P.D.T.  
Power Supply: 24V AC @ 1 VA (+/-15%)  
LED Indication: ON when relay energised.  
Output States: Jumper selectable AUTO/ON/OFF.  
Auto, controlled by input.  
On, always on.  
Off, always off.

Electrical connections: Rising cage terminals for 0,5 to 2,5mm<sup>2</sup> cable.  
Ambient Conditions: -10 to 50°C 0 to 80% RH non-condensing.  
Dimensions: 80 x 68 x 52mm.  
Weight 118g  
I.P. Rating: IP00.  
Mounting Flame retardant green Polyamide 66 UL 94V0 moulding.  
To suit 35mm top hat din rail.

### Switching Table

Input A	Relay A	Input B	Relay B	Input C	Relay C
Open	OFF	Open	OFF	Open	OFF
Closed	ON	Closed	ON	Closed	ON

Inputs are closed to the common 0V terminal via the Triac or Relay.

See also the 3 SRM-AC Installation Sheet for wiring detail.