

## RM-16WAY-24VDC RELAY MODULE



### RM-16WAY-24VDC Relay Module

The relay module provides 16 relays, either mechanical Finder 46.61-024-DC relays or Autonics SRS1 solid state relays. The relay module can be populated with a mixture of mechanical relays or solid state relays to suit the loads being switched.

Relay control can be made via terminals or through a 20 way ribbon cable connected to a PLC.

There are terminals for an external 24V DC supply which will power the PLC interface when driving the relays from a PLC via the ribbon cable.

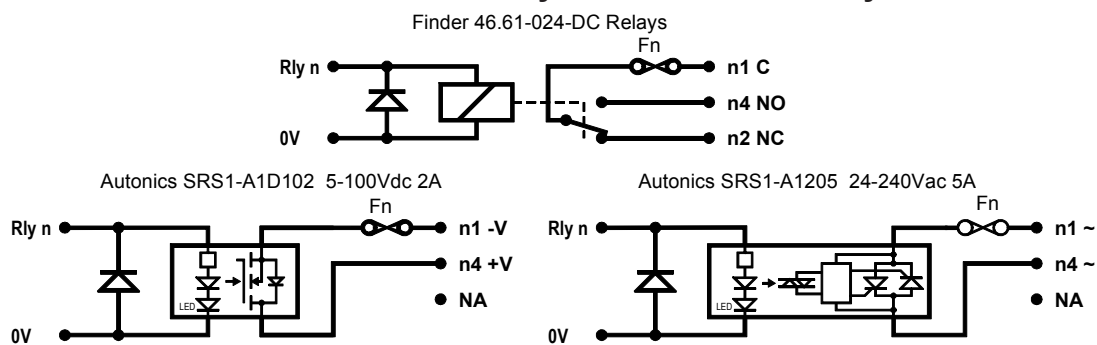
Order code:

**RM-16WAY-24VDC** 16 way relay module.  
Fitted with Finder 46.61-024V-DC relays  
Optional customer specified mixture of  
Finder 46.61-024V-DC relays or  
Autonics SRS1 solid state relays on request

### Specifications

|                                              |                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Outputs</b>                               | 16 relays with fuse holders * NOTE fuses not supplied with the unit<br>Either Finder 46.61-024-DC mechanical relays or Autonics SRS1 solid state relays<br>46.61-024-DC relays : 250VAC 10A CO (fuse/fuse holder limited)<br>SRS1-A1205 relays : 24-240VAC 5A NO<br>SRS1-A1D102 relays : 5-100VDC 2A NO |
| <b>Supply Input (to drive PLC interface)</b> | : 24V dc to supply external devices<br>: 20mA/relay, 320mA with all 16 relays on                                                                                                                                                                                                                        |
| <b>Relay Control</b>                         | : 16 * +24V via terminals or 20 way ribbon cable connector                                                                                                                                                                                                                                              |
| <b>Temperature</b>                           | Operating : -10°C to +20°C to +50°C<br>Storage : -20°C to +70°C                                                                                                                                                                                                                                         |
| <b>EMC Compliance</b>                        | : AS/NZS 61000.6.3:2012                                                                                                                                                                                                                                                                                 |
| <b>Housing</b>                               | DIN rail mounted polyamide, flame retardant UL 94 V0.                                                                                                                                                                                                                                                   |
| <b>Terminals</b>                             | Spring steel clamp, tin plated copper alloy terminal<br>: up to 1.5mm <sup>2</sup> stranded conductor<br>: wire stripping 9mm                                                                                                                                                                           |

### Relay Output Configuration Mechanical Relays or Solid State Relays



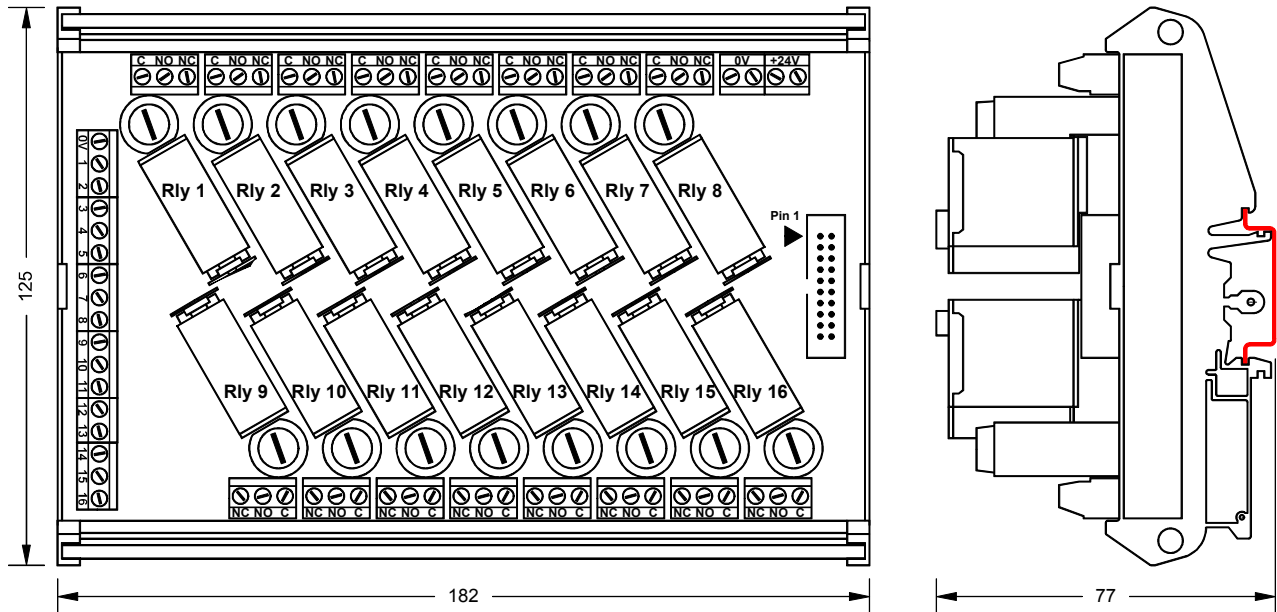
\*Note. No NC connection with solid state relays.

### CARREL ELECTRADE LTD

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## Dimensions

## RM-16WAY-24VDC RELAY MODULE



## Circuit Diagram

