

RM-16WAY-FAS RELAY MODULE



This 16-channel relay module is designed to plug directly into one of the 4x16 I/O ports on a **FAS 64** Digital Mixed I/O industrial network module. Connection is via a simple straight through cable comprising of a DB-25 connector on the I/O end and a 26 way header on the relay end (core 26 not used). The cable can be flat ribbon with IDC connectors where only low voltages are present OR a pre moulded DB-25 round cable where mixed voltages create the requirement for double insulation.

Applicable FAS IO modules:-

EC-HUB-IP20-64DIO (009E94) EtherCAT

MP-HUB-IP20-64DIO (009B94) Ethernet/IP, ProfiNET, CCLink, Modbus/TCP

This system considerably reduces wiring overheads.

The 16 relays can be either mechanical Finder 46.61-024-DC relays or Autonics SRS1 series 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.

Order code:

RM-16WAY-FAS 16 way FAS 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

Outputs

16 relays with fuse holders * NOTE fuses not supplied with the unit
Either Finder 46.61-024-DC mechanical relays or Autonics SRS1 solid state relays
46.61-024-DC relays : 250VAC 10A CO (fuse/fuse holder limited), approximately 22mA each at 24V
SRS1-A1205 relays : 24-240VAC 5A NO, max. inrush current 250A
SRS1-A1D102 relays : 5-100VDC 2A NO

Relay Control

: Plug in FAS multi-protocol industrial network module via 26 way header

Temperature

Operating : -10°C to +20°C to +50°C
Storage : -20°C to +70°C

NOTE the temperature rise from normal operation needs to be considered. 16 mechanical relays operating will create about 12W of dissipation. Each 24-240VAC SSR operating at 5A will produce about 5W of dissipation.

EMC Compliance

: AS/NZS 61000.6.3:2012

Housing

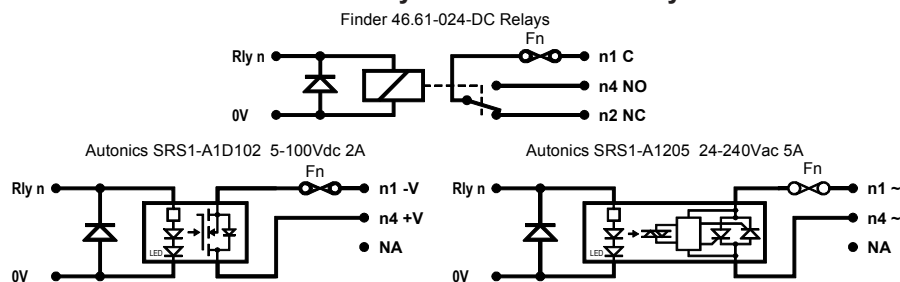
DIN rail mounted polyamide, flame retardant UL 94 V0.
: Total weight with 46.61 relays fitted 770gms

Relay Terminals

Spring steel clamp, tin plated copper alloy terminal
: up to 1.5mm² stranded conductor
: wire stripping 9mm

Relay Output Configuration

Mechanical Relays or Solid State Relays



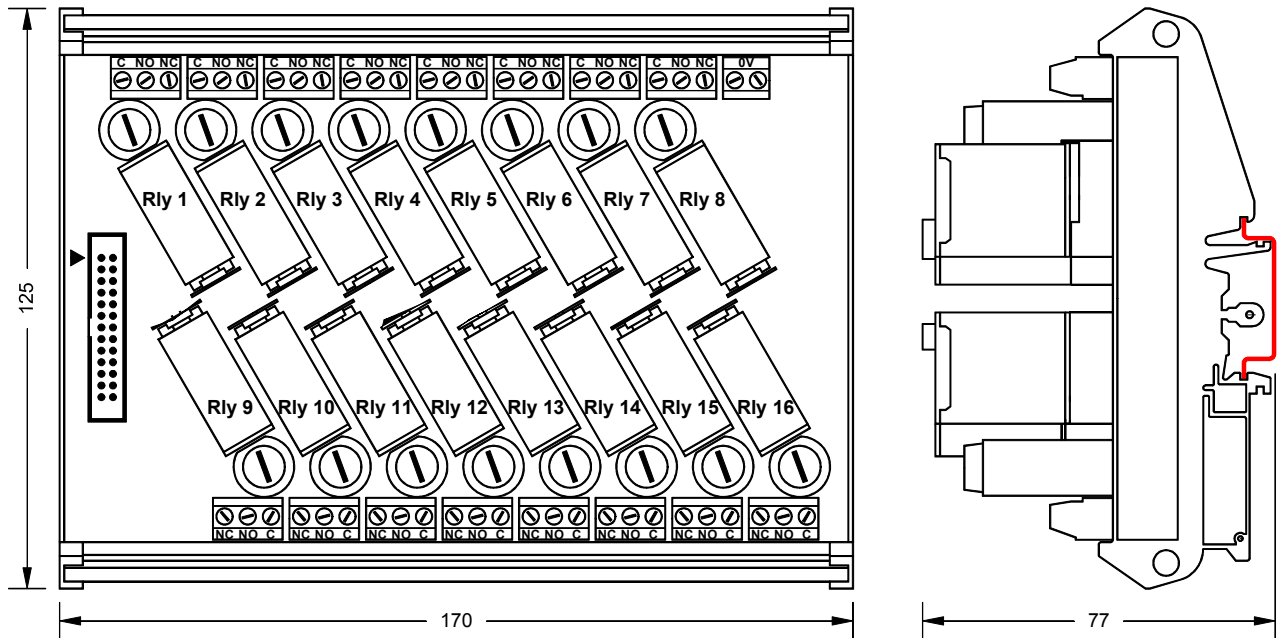
*Note. No NC connection with solid state relays.

CARREL ELECTRADE LTD

MANUFACTURERS, IMPORTERS AND DISTRIBUTORS OF ELECTRICAL ENGINEERING PRODUCTS
POSTAL ADDRESS: P O BOX 11078, ELLERSLIE 1542, AUCKLAND NEW ZEALAND
FACTORY AND OFFICE: 661 GREAT SOUTH ROAD, PENROSE 1061
TELEPHONE: +64-9-525 1753 FACSIMILE: +64-9-525 1756
CHRISTCHURCH BRANCH: 73B BRISBANE STREET, SYDENHAM
TELEPHONE: 03-366 1242 FACSIMILE: 03-379 1991
EMAIL: sales@carrel-electrade.co.nz WEB: www.carrel-electrade.co.nz

RM-16WAY-FAS RELAY MODULE

Dimensions



Circuit Diagram

