Application

'elmex' Single Changeover Relay Interface Modules are used mainly for interfacing digital output devices in field. This module implements 1 Form C contact for Relay.

Salient Features

- Compact Relay-To-Wire assembly of relay units.
- Eliminate Wiring Errors.
- DIN Rail Mounted.
- PVC housing to hold PCB.
- FR4 Grade Double Sided Copper claded PCB.

Connection Diagram

1 C/O Electrical Connection for DC Use.

Sr. No.	Product Code	No. of Relays	Configuration	Dimension LxWxH in mm
1	RMIR 122 TLOD1	1	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	23x77x59
2	RMIR 123 TLOD1	2	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	45x90x64
3	RMIR 124 TLOD1	4	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	90x90x64
4	RMIR 126 TLOD1	8	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	135x90x64
5	RMIR 247 TLOD1	16	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	268x90x64

Input Data

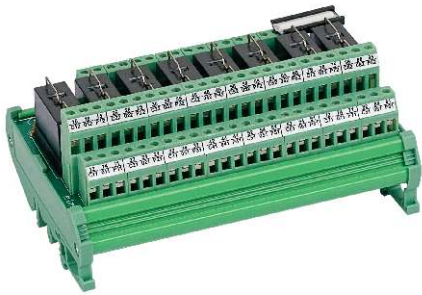|	
Nominal Actuation Voltage	24 VDC
Nominal Actuation Current	25mA
Protection	Free Wheeling Diode across Coil of relay.
Indication	Voltage presence indication
Terminals	2.5 sq. mm Screw Clamp Connector

General Data

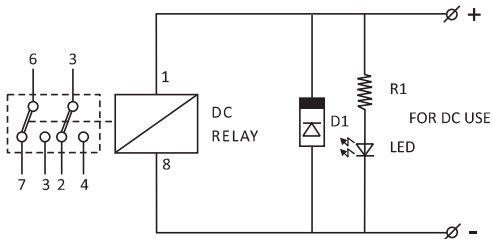|	
Insulation Resistance	Minimum 1000 MΩ at 500 VDC between each channels
Dielectric Strength	1000 VAC for 1 Minute between channels
Ambient Operation Temperature	80°C
Tropicalisation	Lacquer Coating on both side of PCB
Identification Tag	Provided

Output Data

Contact Type	1 From C - SPDT
Maximum Switching Voltage	250 VAC / 24 VDC
Maximum Switching Current	12 Amp
Output Contact	Potential Free / Dry

*W/o = Without

Application

'elmex' Two Changeover Relay Interface Modules are used mainly for interfacing digital output devices in field. This module implements 2 Form C contact for relay.

Salient Features

- Compact Relay-To-Wire assembly of relay units.
- Eliminate Wiring Errors.
- DIN Rail Mounted.
- PVC housing to hold PCB.
- FR4 Grade Double Sided Copper claded PCB.

Sr. No.	Product Code	No. of Relays	Configuration	Dimension LxWxH in mm
1	RMIR 104 TLOD1	1	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	23x77x65
2	RMIR 158 TLOD1	2	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	45x90x65
3	RMIR 105 TLOD1	4	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	90x90x65
4	RMIR 081 TLOD1	8	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	135x90x65
5	RMIR 268 TLOD1	16	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	268x90x65

Input Data

Nominal Actuation Voltage	24 VDC
Nominal Actuation Current	25mA
Protection	Free Wheeling Diode across Coil of relay.
Indication	Voltage presence indication
Terminals	2.5 sq. mm Screw Clamp Connector

## General Data

|	
Insulation Resistance	Minimum 1000 MΩ at 500 VDC between each channels
Dielectric Strength	1000 VAC for 1 Minute between channels
Ambient Operation Temperature	80°C
Tropicalisation	Lacquer Coating on both side of PCB
Identification Tag	Provided

Output Data

Contact Type	2 From C - DPDT
Maximum Switching Voltage	250 VAC / 30 VDC
Maximum Switching Current	8 Amp
Output Contact	Potential Free / Dry

*W/o = Without

Connection Diagram

2 C/O Electrical Connection for DC Use.
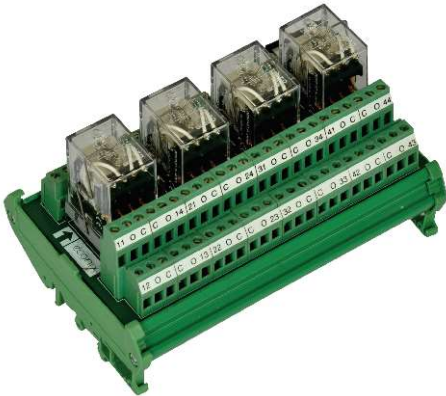
Connection Diagram

4 C/O Electrical Connection
for DC Use.
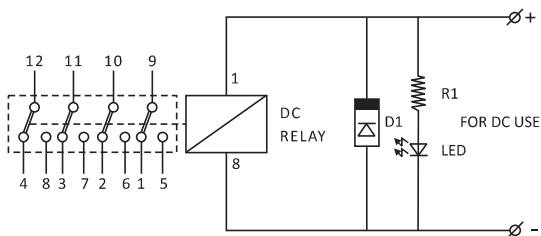
Application

'elmex' Four Changeover Relay Interface Modules are used mainly for interfacing digital output devices in field. This module implements 4 Form C contact of relay.

Salient Features

- Compact Relay-To-Wire assembly of relay units.
- Eliminate Wiring Errors.
- DIN Rail Mounted.
- PVC housing to hold PCB.
- FR4 Grade Double Sided Copper claded PCB.

Sr. No.	Product Code	No. of Relays	Configuration	Dimension LxWxH in mm
1	RMIR 177 TLOD1	1	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	45x90x64
2	RMIR 367 TLOD1	2	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	68x90x64
3	RMIR 368 TLOD1	4	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	112x90x64
4	RMIR 370 TLOD1	8	**Coil Voltage:** 24 VDC W/o* Fuse Holder; Relay mounted on base	268x90x64

Input Data

Nominal Actuation Voltage	24 VDC
Nominal Actuation Current	40mA
Protection	Free Wheeling Diode across Coil.
Indication	Voltage presence indication
Terminals	2.5 sq. mm Screw Clamp Connector

General Data

Insulation Resistance	Minimum 1000 MΩ at 500 VDC between each channels
Dielectric Strength	1000 VAC for 1 Minute between channels
Ambient Operation Temperature	80°C
Tropicalisation	Lacquer Coating on both side of PCB
Identification Tag	Provided

Output Data

Contact Type	4 From C
Maximum Switching Voltage	220 VAC / 24 VDC
Maximum Switching Current	3 Amp
Output Contact	Potential Free / Dry

*W/o = Without