

# RELAY MODULE - ELECTROMECHANICAL TYPE

## FOUR CHANGE OVER - COIL VOLTAGE 24V DC

### Main Features

- Relay module with 8/4 miniature relays.
- With base (Relay-pluggable).
- Coil voltage 24V DC.
- 4 change over.
- Freewheeling diode across relay coil for protection.
- Jumpers are provided for selection between positive looping / negative looping.
- Mounting DIN 35 carrier rail.



TECHNICAL SPECIFICATION	
<b>COIL DATA</b>	
Voltage	24 V DC
Input current	37.7 mA
Coil resistance	636 $\Omega$
<b>CONTACT DATA</b>	
<b>4CO</b>	
No. of contact	4PDT
Rated load (Resistive)	3A, 250V AC / 30V DC
(Inductive)	1.5A 30V DC / 0.8A, 250V AC
Contact resistance	100 m $\Omega$ max
<b>GENERAL DATA</b>	
Relay	Omron, IDEC, Tyco, Honeywell or equivalent
Module height (H)	75 mm
Module depth (D)	90 mm
Color	Black
Operating temperature	0°C to 50°C
Storage temperature	-10°C to 60°C
Relative humidity	5 to 95% RH
Indication	Green LED for input status
Protection	Freewheeling diode across relay coil
Looping on coil side	Common, remove all jumpers to make relay independent
<b>CONNECTION DATA</b>	
Type of connection	Screw connection (PCB terminals block)
Make	Phoenix Contact
Nominal current carrying capacity	22A
Rated voltage capacity	250V
Conductor cross section solid	Min/Max .02/4.0 mm <sup>2</sup>
Conductor cross section stranded	Min/Max .02/2.50 mm <sup>2</sup>

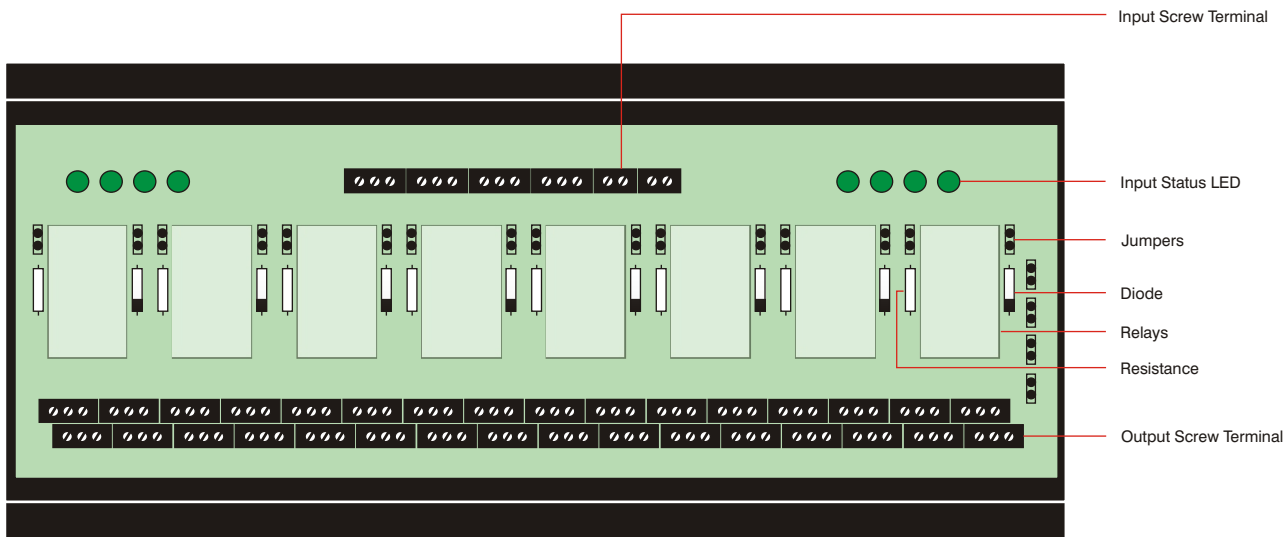
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## LAYOUT & CONNECTION DIAGRAM

MODEL	No. of relay	Module length	Pcs./Pkt.
TT-IMRB-08024D4S-C	08	255 mm	01
TT-IMRB-04024D4S-C	04	155 mm	01

Layout of TT-IMRB-08024D4S-C



Schematic of TT-IMRB-08024D4S-C

