

RELAY MODULE - SOLID STATE TYPE

INPUT VOLTAGE 24V DC, OUTPUT VOLTAGE 240V AC WITH FUSE & FUSE FAIL INDICATION AT OUTPUT

Main Features

- SSR Relay module with Solid State relays.
- Directly Soldered.
- 8/4 Channels.
- Input Voltage 24V DC and Output Voltage 240V AC.
- Jumpers are provided for selection between positive / negative looping.
- Fuses are provided at output.
- Green LED for input status and Red LED at output for fuse fail indication.
- Free wheeling diodes are provided for polarity protection.
- Rated Load Current 3A.
- Mounting DIN 35 carrier rail.



TECHNICAL SPECIFICATION	
INPUT DATA	
Nominal input voltage	24 V DC
Maximum input current	13 mA _{dc}
Maximum turn-on time	8.33 ms
Maximum turn-off time	8.33 ms
Nominal input resistance	2000 Ω
OUTPUT DATA	
Nominal operating voltage	240V AC
Operating voltage range	24-280V AC
Maximum load current	3A
RELAY DATA	
Relay	M-OAC24A
Relay type	SSR AC Relay
Make	Crydom
Isolation	4000 V _{rms}
Capacitance, input / output	8pF
GENERAL DATA	
Housing color	Black
Module height (H)	65 mm
Module depth (D)	126 mm
Operating temperature	0°C to 80°C
Storage temperature	-10°C to 100°C
Bussing	Jumpers are provided for selection between positive/negative looping
Protection	Fuse of 2A
Indication	Green LED for input status & red LED for fuse fail indication
CONNECTION DATA	
Type of connection	Screw connection (PCB terminals block)
Make	Phoenix Contact
Nominal current carrying capacity	24A
Rated voltage capacity	250V
Conductor cross section solid	Min/Max .02/4.0 mm ²
Conductor cross section stranded	Min/Max .02/2.50 mm ²

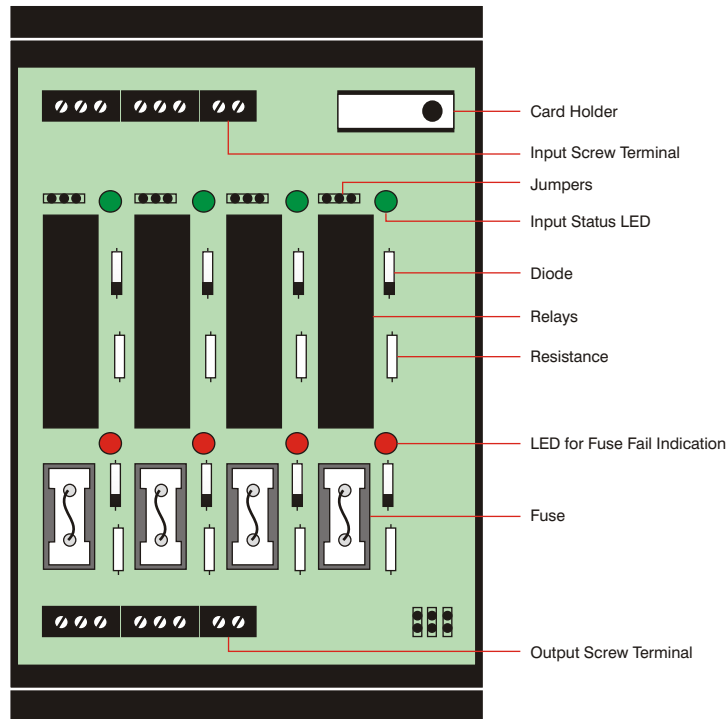
RELAY MODULE - SOLID STATE TYPE



LAYOUT & CONNECTION DIAGRAM

MODEL	No. of relay	Module length	Pcs./Pkt.
TT-IMRB-08024D1-240A(SSR-FFI)	08	155 mm	01
TT-IMRB-04024D1-240A(SSR-FFI)	04	74 mm	01

Layout of TT-IMRB-04024D1-240A(SSR-FFI)



SSR Module with Fuse

