

# RELAY MODULE - SOLID STATE TYPE

**INPUT VOLTAGE 24 VDC, OUTPUT VOLTAGE 5-200 VDC WITH GREEN LED AT RELAY INPUT**

## Main Features

- SSR relay module with solid state relays.
- Relays directly soldered.
- 8/4 channels.
- Input voltage 3-32V DC.
- Output Voltage 5-200V DC.
- Jumpers are provided for selection between positive/negative looping.
- Free wheeling diodes are provided for polarity protection.
- Rated load current 3A.
- Mounting DIN 35 carrier rail.
- Available in green and black profile.



## Technical Specification

### INPUT DATA

Nominal input voltage	3-32V DC
Maximum input current	16mA
Input LED Indication	Green
Turn-on time	2.5 ms
Turn-off time	40 $\mu$ s

### OUTPUT DATA

Operating voltage range	5-200V DC
Load current	3A at 55°C

### RELAY DATA

Relay	704-A PMDD 200 05 00
Relay type	SSR DC Relay
Make	Unison
I/P to O/P isolation	2.5kV for 1 min

### GENERAL DATA

Housing color	Black/Green
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
Indication	Green LED for input status

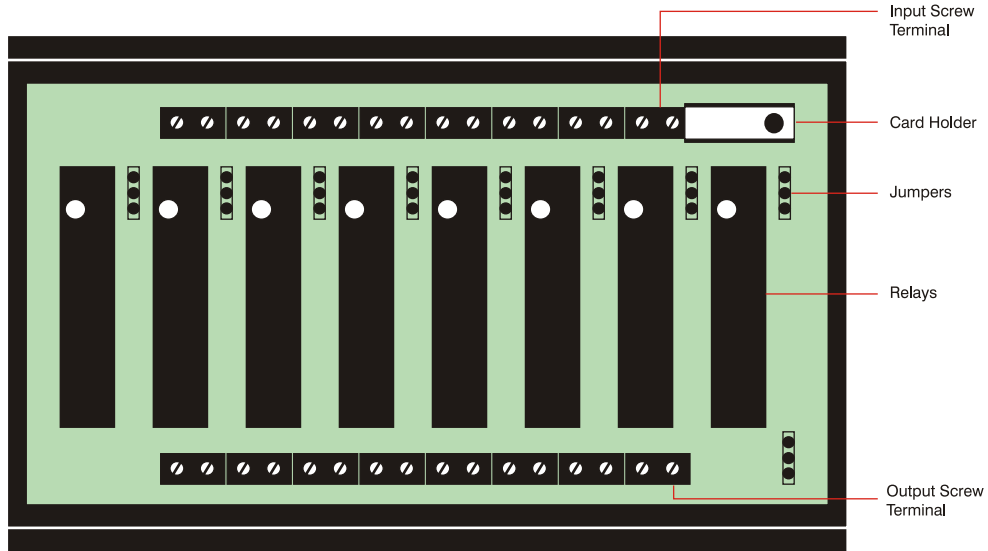
### CONNECTION DATA

Type of connection	Screw connection (PCB terminals block)
Make	Phoenix Contact
Nominal current carrying capacity	24A for single level & 22A for double level
Rated voltage capacity	250V
Conductor cross section solid	Min./Max. 0.2/4.0 mm <sup>2</sup>
Conductor cross section stranded	Min./Max. 0.2/2.5 mm <sup>2</sup>

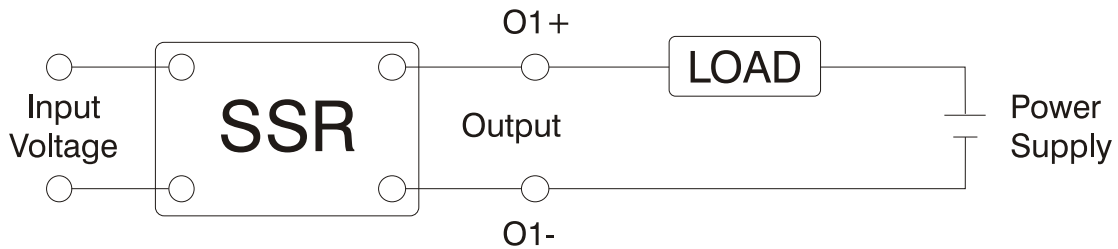
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Layout of TT-IMRB-08024D1-SSR-U



Connection Diagram of TT-IMRB-08024D1-SSR-U



MODEL	Article No.	No. of relay	Module length	Pcs./Pkt.
TT-IMRB-08024D1-SSR-U	01 17 06334	08	142 mm	01
TT-IMRB-08024D1-SSR-U-704B	01 17 06724	08	142 mm	01
TT-IMRB-04024D1-SSR-U	01 17 06333	04	72 mm	01
TT-IMRB-04024D1-SSR-U-704B	01 17 06729	04	72 mm	01