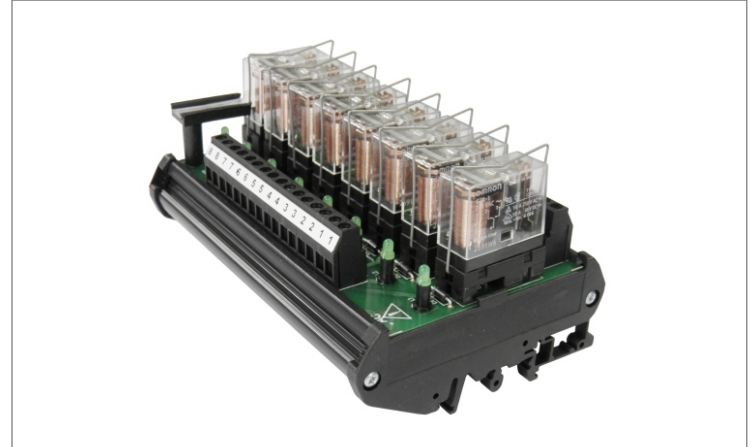


# RELAY MODULE - ELECTROMECHANICAL TYPE

SINGLE CHANGE OVER - COIL VOLTAGE 230V AC / 110V AC / 24V AC

## Main Features

- Relay module with 16/8/4 electromechanical relays.
- With base (Relay-pluggable)
- 1 Change over.
- Freewheeling diode across relay coil for protection.
- Mounting DIN 35 carrier rail.



TECHNICAL SPECIFICATION	
<b>COIL DATA</b>	
Coil voltage	<b>230V AC</b> <b>110V AC</b> <b>24V AC</b>
Input current (50 Hz)	4.7 mA                              11 mA                              46.5 mA
Power consumption	0.9 VA-50Hz                      0.9 VA-50Hz                      0.9 VA-50Hz
Coil resistance	26,850 Ω                              4600 Ω                              260 Ω
<b>CONTACT DATA</b>	
No.of contact	1PDT
Rated load (Resistive)	10A, 250V AC / 30V DC
(Inductive)	5A 30V DC / 7.5A, 250V AC
Contact resistance	30 m Ω 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	Free wheeling diode across relay coil
<b>CONNECTION DATA</b>	
Type of connection	Screw connection (PCB terminals block)
Make	Phoenix Contact
Nominal current carrying capacity	24A for 1 change over
Rated voltage capacity	250 V
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>

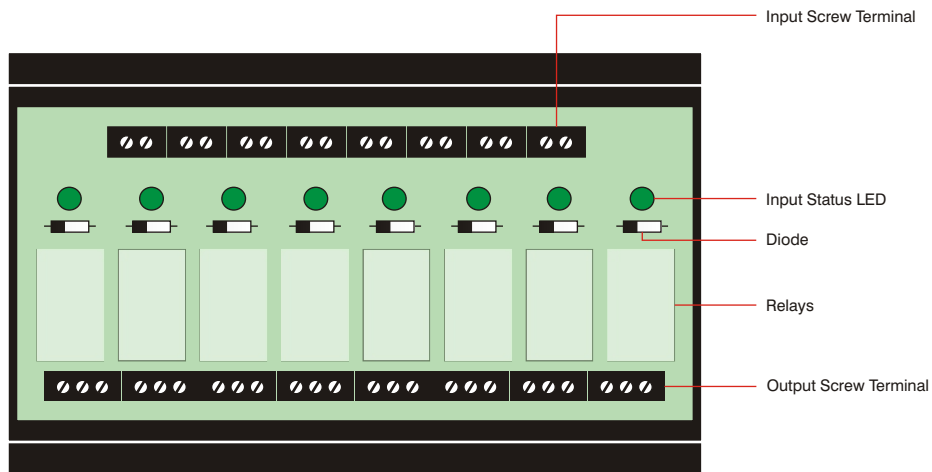
# RELAY MODULE - ELECTROMECHANICAL TYPE



## LAYOUT & CONNECTION DIAGRAM

MODEL	No. of Relay	Module Length	Pcs./Pkt.
TT-IMRB-040230A1S	04	72 mm	01
TT-IMRB-040110A1S	04	72 mm	01
TT-IMRB-04024A1S	04	72 mm	01
TT-IMRB-080230A1S	08	136 mm	01
TT-IMRB-080110A1S	08	136 mm	01
TT-IMRB-08024A1S	08	136 mm	01
TT-IMRB-160230A1S	16	270 mm	01
TT-IMRB-160110A1S	16	270 mm	01
TT-IMRB-16024A1S	16	270 mm	01

Layout of TT-IMRB-080230A1S



Schematic of TT-IMRB-080230A1S

