1RM Series



- Change Over Contacts
- Supplied complete, Relay, LED, Socket, Ejector Clip and Identification Label
- 1 Part Number for simple ordering
- AC & DC Coils
- Supply Status LED as standard
- 35mm Din Rail mounting
- 2 Socket Types for ease of installation
- 12A and 16A versions
- Other Voltages available on request

Approved by:

Single Pole Relay Interface Modules

1RM 12A Module with Standard Socket complete with LED & Ejector Clip

Product Code	Coil Voltage	Relay Type	Socket Type	Module Type	Retainer Type
1RM-12	12VDC	HF115F0121ZS1AF	14FF-1Z-C2	HF-EL	14F-ERC-1
1RM-24	24VDC	HF115F0241ZS1AF	14FF-1Z-C2	HF-EL	14F-ERC-1
1RM-24A	24VAC	HF115FA0241ZS1AF	14FF-1Z-C2	HF-EL	14F-ERC-1
1RM-110A	110VAC	HF115FA1151ZS1AF	14FF-1Z-C2	HF-EN	14F-ERC-1
1RM-240A	230VAC	HF115FA2301ZS1AF	14FF-1Z-C2	HF-EN	14F-ERC-1

1RM 16A Module with Standard Socket complete with LED & Ejector Clip

Product Code	Coil Voltage	Relay Type	Socket Type	Module Type	Retainer Type
1RM-12-16A	12VDC	HF115F0121ZS3AF	14FF-2Z-C2	HF-EL	14F-ERC-1
1RM-24-16A	24VDC	HF115F0241ZS3AF	14FF-2Z-C2	HF-EL	14F-ERC-1
1RM-24A-16A	24VAC	HF115FA0241ZS3AF	14FF-2Z-C2	HF-EL	14F-ERC-1
1RM-110A-16A	110VAC	HF115FA1151ZS3AF	14FF-2Z-C2	HF-EN	14F-ERC-1
1RM-240A-16A	230VAC	HF115FA2301ZS3AF	14FF-2Z-C2	HF-EN	14F-ERC-1

1RM 16A Module, Coil / Contact separation Socket with LED & Ejector Clip

Product Code	Coil Voltage	Relay Type	Socket Type	Module Type	Retainer Type
1RM-12-16A-3	12VDC	HF115F0121ZS3AF	14FF-2Z-C3	HF-EL	14F-ERC-1
1RM-24-16A-3	24VDC	HF115F0241ZS3AF	14FF-2Z-C3	HF-EL	14F-ERC-1
1RM-24A-16A-3	24VAC	HF115FA0241ZS3AF	14FF-2Z-C3	HF-EL	14F-ERC-1
1RM-110A-16A-3	110VAC	HF115FA1151ZS3AF	14FF-2Z-C3	HF-EN	14F-ERC-1
1RM-240A-16A-3	230VAC	HF115FA2301ZS3AF	14FF-2Z-C3	HF-EN	14F-ERC-1

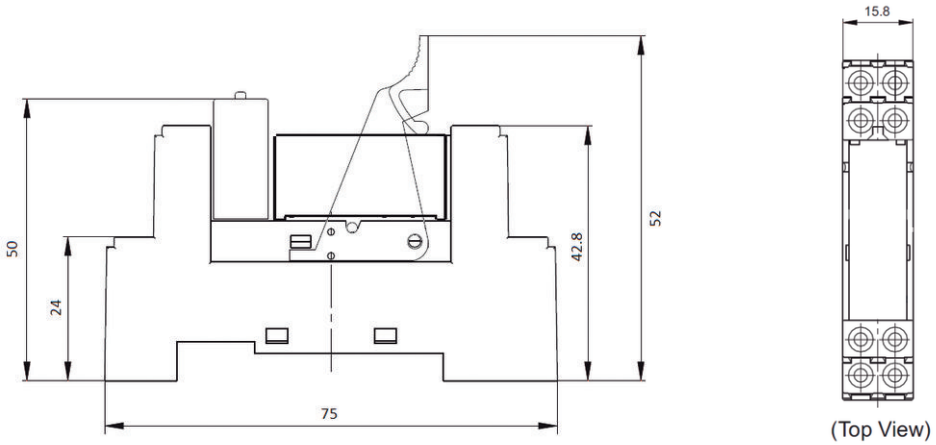
Contact Data	
Contact Arrangement	1C
Contact Rating	12A / 16A 250VAC
Max. Switching Power	3000VA / 4000VA
Contact Resistance	100mΩ (at 1A 6VDC)
Contact Material	$AgSnO_2$
Electrical Life	AC: 50,000 DC:100,000
Mechanical Life	AC: 100,000 DC: 10,000,000

Relay Characteristics	
Insulation Resistance	1000MΩ
Dielectric Strength:	
Between Coil & Contacts	5000VAC 1Min
Between Open Contacts	1000VAC 1Min
Operate Time	15ms Max.
Release Time	8ms Max.
Ambient Temperature	-40°C to 85°C
Coil Consumption	AC: 0.75VA DC: 400mW

1RM Series

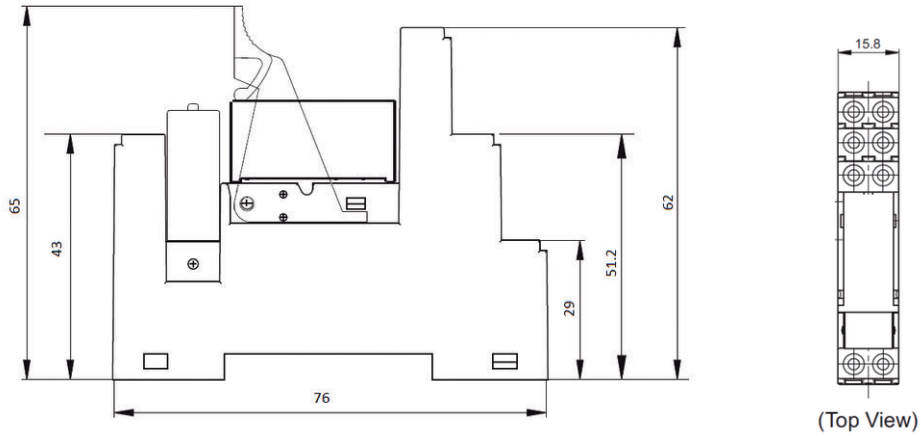
Outline Dimensions

Standard Type



(Top View)

Coil / Contact Separation Type



(Top View)