



Coil Data

Nominal Power : 360mW

Contact Data

Contact Material : Ag alloy

Contact Rating : 1A : 15A 125V AC / 24V DC, 10A 250V AC
1C : 10A 120V AC / 24V DC, 6A 250V AC
TV-5

Max. Switching Voltage : 250V AC / 24V DC

Max. Switching Current : 15A

Max. Switching Power : 1,800VA, 360W

Min. Switching Load : 5V DC, 100mA

max. Switching Time	: 100 μ s, 100mA
Contact Resistance	: Max. 50m Ω (6V DC 1A)

Life

Electrical : 100,000 operations

Mechanical : 10,000,000 operations

General Data

Insulation Resistance : Min. 1,000mW 500V DC

Dielectric Strength : 750V AC, 1 min. between open contacts
1,500V AC, 1 min. between coil and contacts

Operate Time : Max. 10ms

Release Time : Max. 5ms

Operate Temperature : -30°C to +85°C

Shock Resistance

Endurance : 1,000m/s²

Mis-operation : 100m/s²

Vibration Resistance

Endurance : 10 to 55Hz, 1.5mm double amplitude

Mis-operation : 10 to 50Hz, 1.5mm double amplitude

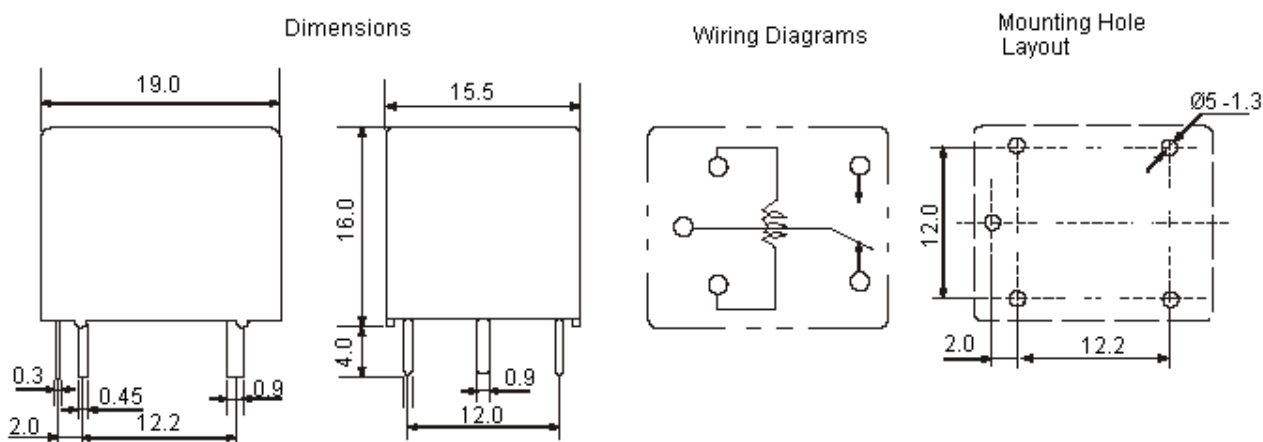
Humidity : 35% to 95% RH, +40°C

Weight : Approximately 10g

Coil Data Chart

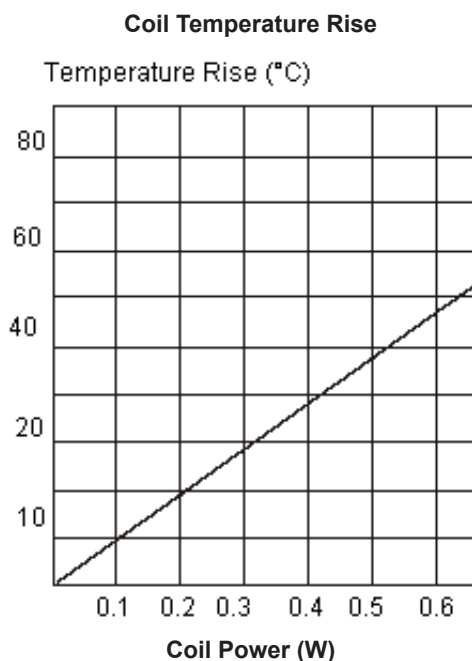
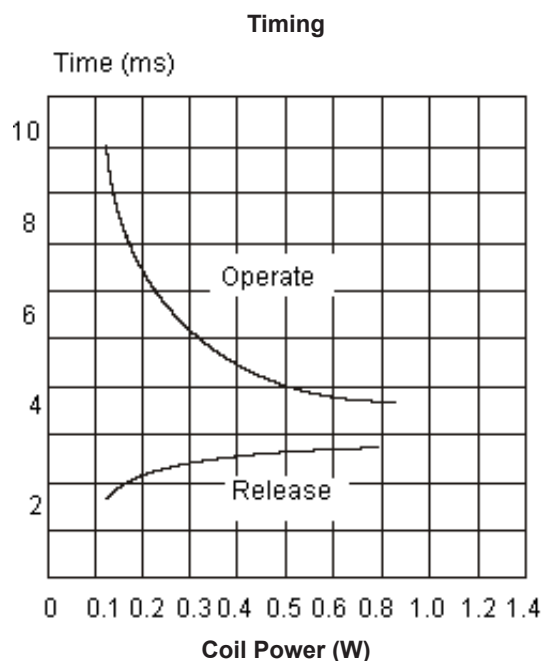
Nominal Voltage V DC	Coil Resistance W $\pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW	Contact Form	Part Number
12	400	8.4	1.2	360	1 Form C	MC25138
24	1,600	16.8	2.4			MC25139

Dimensions

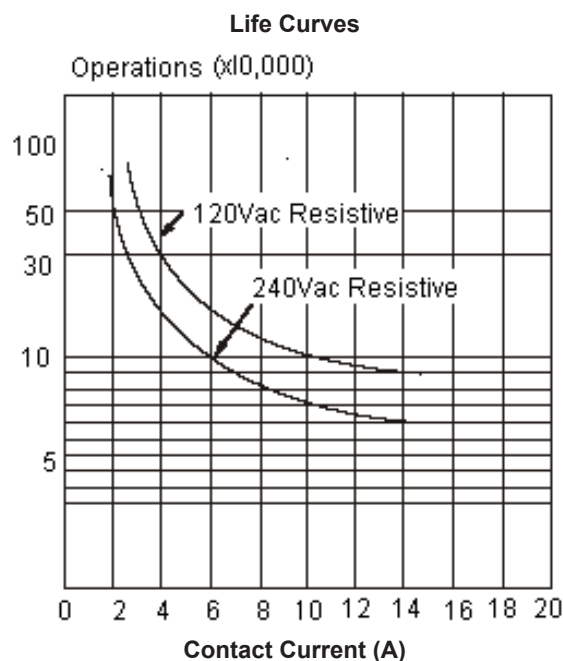
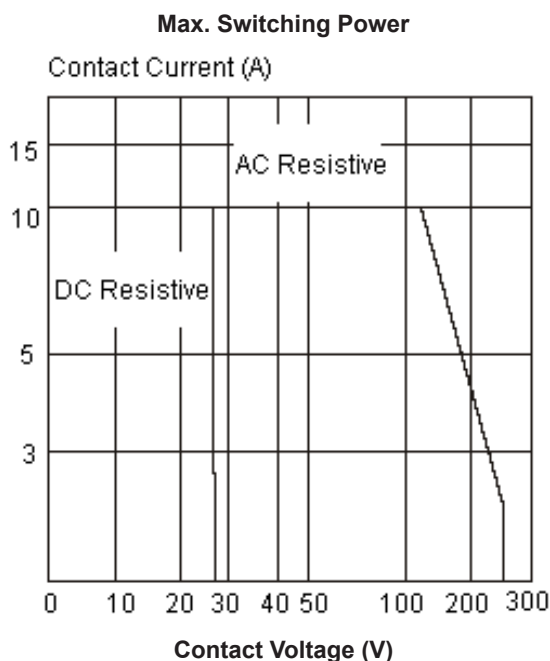


Dimensions : Millimetres

Characteristic Chart Data



Characteristic Chart Data



Part Number Table

Description	Part Number
General Purpose Relay, Power, SPDT, 12V DC, 10A	MC25138
General Purpose Relay, Power, SPDT, 24V DC, 10A	MC25139

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.