



Contact Data

Contact Form	: 1 form A
Contact Material	: Ag Alloy
Contact Rating	: 30A 250V AC / 24V DC
Max. Switching Voltage	: 250V AC / 24V DC
Max. Switching Current	: 30A
Max. Switching Power	: 7500VA, 720W
Min. Switching Load	: 5V DC, 100mA
Max. Contact Resistance	: 50m Ω (6V DC 1A)

Life

Electrical	: 100,000 operations.
Mechanical	: 10,000,000 operations.

General Data

Min. Insulation Resistance	: 1,000M Ω 500V DC
Dielectric Strength	: 1,500V AC, 1 min between open contacts 2,500V AC, 1 min between coil and contacts.
Max. Operate Time	: 15ms
Max. Release Time	: 10ms.
Operate Temperature	: -30 to +85°C

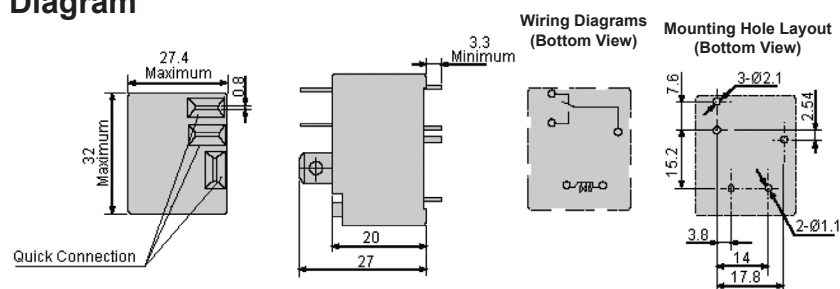
Shock Resistance

Endurance	: 1,000m/s ²
Misoperation	: 100m/s ²

Vibration Resistance

Endurance	: 10 to 55Hz, 1.5mm double amplitude.
Misoperation	: 10 to 55Hz, 1.5mm double amplitude.
Humidity	: 35% to 95%RH, +40°C.

Diagram



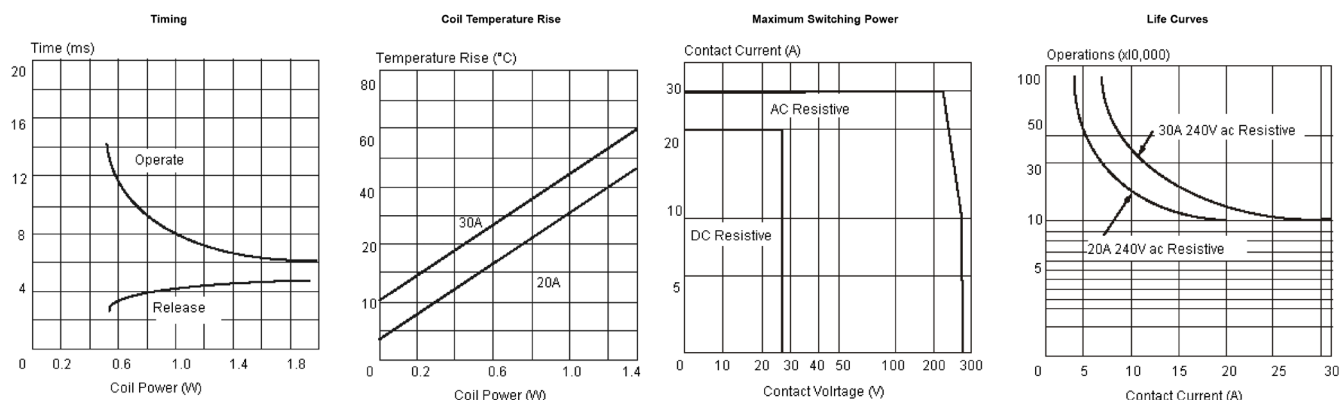
Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

Coil Data Chart 20°C

Nominal Voltage V DC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW	Enclosure	Contact Form	Part Number
12	160	8.4	1.2	900	Plastic Sealed Type	1 form A	MC25154
24	640	16.8	2.4				MC25155

Characteristic Chart Data



Part Number Table

Description	Part Number
Power Relay, SPST-NO, 12V DC, 30A	MC25154
Power Relay, SPST-NO, 24V DC, 30A	MC25155

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.