

HOT FEED

Information on New Products from Cole Hersee Company

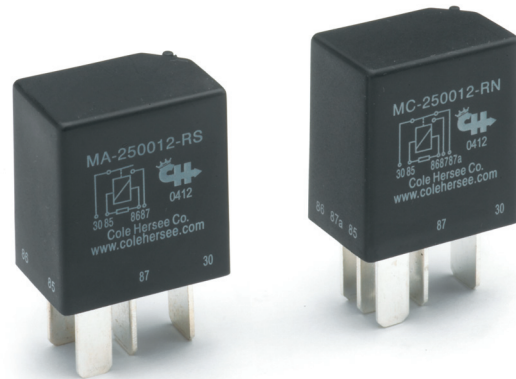
NEW

25A MicroRelays

General purpose: MicroRelays fit many vehicles and applications. Typical uses include: lamp control; horns; power windows; fuel pumps; fans; lift gates.

Smaller than regular relays, yet MicroRelays can accept a load of 25A at 12V DC.

Standard terminal footprint for Form A (SPST), Form C changeover (SPDT). Sealed or unsealed.



Specifications:

- Contact rating (Resistive load) at 20°C:
12V DC: Normally Open 25A, Normally Closed 20A.
24V DC: Normally Open 15A, Normally Closed 10A.
- Contact arrangement: Available as Form A (SPST), and Form C (SPDT).
- Vibration resistance: 10-40Hz double amplitude 1.27mm.
- Pull-in voltage: 7.8V maximum at 12V DC, 15.6V at 24V DC. Release voltage: 1.2V minimum at 12V DC, 2.4V at 24V DC.
- Temperature range: -40°C to 85°C.
- Operational life: Electrical to 100,000 cycles. Mechanical to 10 million cycles.
- Contact Material: Silver alloy.
- Dielectric strength: 500V rms between coil and contact.
- Insulation resistance: 100M minimum (500V DC).

Cole Hersee Relays are rated based on a steady state resistive load. De-rate according to the type of load:

- Motor load: Inrush can be 5 to 10 x steady state current.
- Solenoid load: Inrush can be 10 to 20 x steady state current.
- Incandescent lamp load: Inrush can be 10 to 15 x steady state current.

MicroRelays are also available with PCB terminals: contact Cole Hersee.



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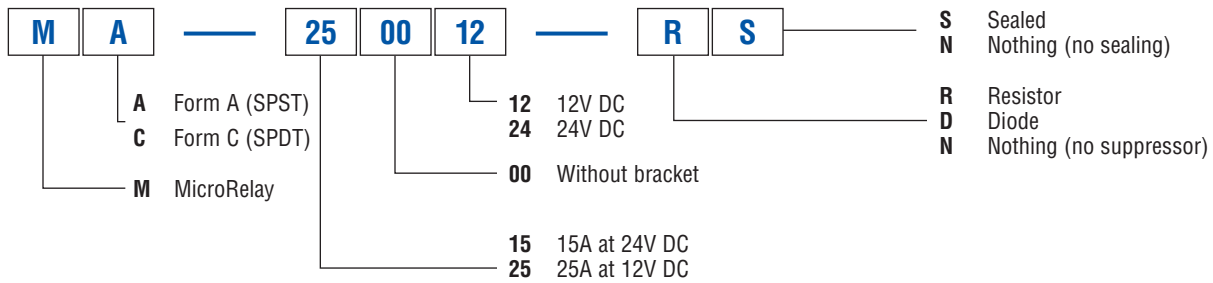
20 Old Colony Avenue, Boston, MA USA 02127-2467 • (617) 268-2100 • Fax (617) 268-9490
See our interactive product catalog at www.colehersee.com

MicroRelay Stock Items

Other configurations, and PC terminals are available. Contact Cole Hersee.

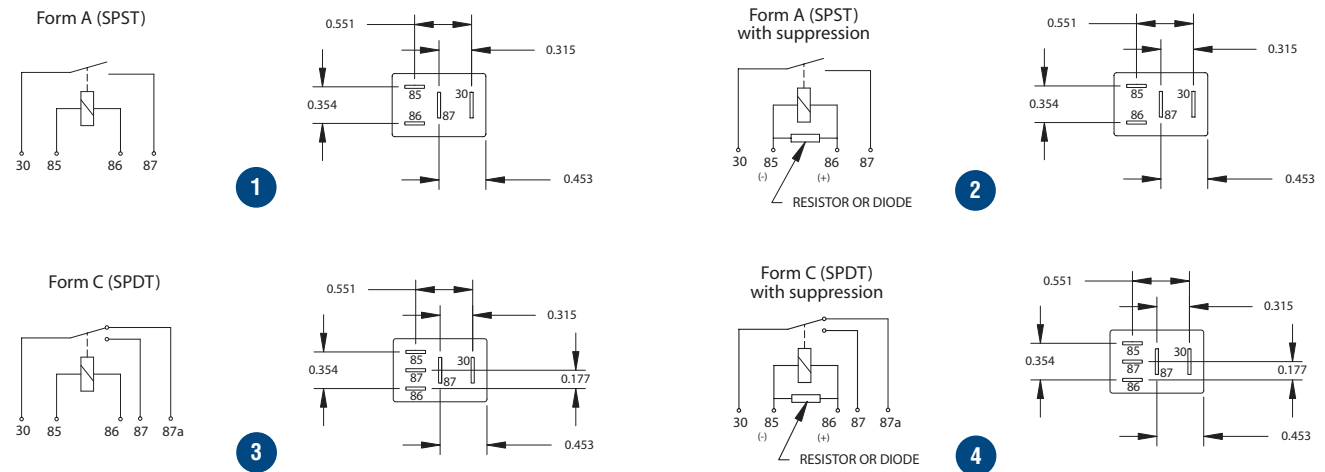
FORM	AMPERAGE	VOLTAGE	SUPPRESSOR	SEAL	PART NUMBER	DIAGRAM
A: SPST	25	12	R: resistor	N: no seal	MA-250012-RN	2
A: SPST	25	12	R: resistor	S: sealed	MA-250012-RS	2
A: SPST	25	12	D: diode	N: no seal	MA-250012-DN	2
A: SPST	25	12	N: none	N: no seal	MA-250012-NN	2
A: SPST	15	24	R: resistor	N: no seal	MA-150024-RN	2
A: SPST	15	24	R: resistor	S: sealed	MA-150024-RS	2
A: SPST	15	24	D: diode	N: no seal	MA-150024-DN	2
A: SPST	15	24	N: none	N: no seal	MA-150024-NN	1
C: SPDT	25	12	R: resistor	N: no seal	MC-250012-RN	4
C: SPDT	25	12	R: resistor	S: sealed	MC-250012-RS	4
C: SPDT	25	12	D: diode	N: no seal	MC-250012-DN	4
C: SPDT	25	12	N: none	N: no seal	MC-250012-NN	3
C: SPDT	15	24	R: resistor	N: no seal	MC-150024-RN	4
C: SPDT	15	24	R: resistor	S: sealed	MC-150024-RS	4
C: SPDT	15	24	D: diode	N: no seal	MC-150024-DN	4
C: SPDT	15	24	N: none	N: no seal	MC-150024-NN	3

MicroRelay Part Number Structure



MicroRelay Schematics & Terminal Layouts

Other configurations are available by special order.



Also Available: Heavy Duty (40A) & High Power (70A) Relays in Form A and Form C, sealed and unsealed. See Hot Feed sheet D-595, or visit the Cole Hersee website.

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All specifications and information is subject to change without notice.