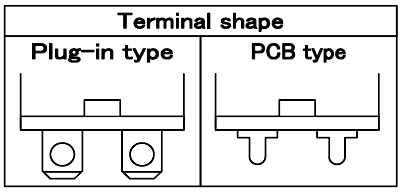
General purpose miniature power relay that can be used for a wide range of applications from control to power.

MC series

Features

- Boasting high reliability and achievements, it is a power relay that can control 1c 15A, 2c 10A.
- Terminal shape suitable for the application is standard (plug-in terminal and PCB terminal). The terminal conforms to tab terminal #187 series.
- Standard line up with flanged case.
- LED and diode built-in type are available upon request.
- Conforms to the various safety standards.



Model numbering system

MC □ □ □ - □ □ □

Rated coil voltage: Numeric part indication	AC (V): 24, 100/110, 200/220, 220/240 DC (V): 24
Coil type	A: AC D: DC
Number of contact poles	1: 1 pole 2: 2 poles
Shape indication	Nil: Plug-in type F: Flange case direct mounting type O: PCB terminal
Notes 1	L: With LED indicator
Notes 2	D: Has built-in diode to absorb release surge

Safety standards

	Contact rating	
	MC1U	MC2U
UL (C-UL)	15A 250V AC 15A 24V DC	10A 120V AC 10A 30V DC
VDE	15A 250V AC 15A 30V DC	10A 250V AC 10A 30V DC
CQC	15A 250V AC	10A 250V AC
Electrical Appliances and Materials Safety Act	Conformable	

Coil ratings

AC/DC \ Item: Voltage		Rated current (mA) 50Hz	Rated current (mA) 60Hz	Coil resistance (Ω)	Operate voltage (V) Ratio to rated voltage	Release voltage (V) Ratio to rated voltage	Maximum voltage (V) Ratio to rated voltage	Power consumption
AC	24	53.8	46	180	80% max.	30% min.	110%	0.9VA to 1.2VA
	100/110	11.7/12.9	10/11	3750				
	200/220	6.2/6.8	5.3/5.8	12 950				
	220/240	4.8/5.3	4.2/4.6	18 790				
DC	24	36.9		650	80% max.	10% min.	110%	0.9W

● Notes: 1. Rated current and coil resistance are values at coil temperature of 20℃, with tolerance of +15%/−20% for AC rated current. Tolerance is ±10% for DC coil resistance.
2. Operate voltage and release voltage are values at coil temperature of 20℃.
3. Maximum voltage is the maximum value of the allowable voltage fluctuation range of the relay coil operating power supply with the ambient temperature at 20℃.
4. "/" (for example, AC100/110) of the rated voltage indicates multiple ratings (AC100V 50Hz/60Hz, AC 110V 50Hz/60Hz).

DEC is a professional manufacturer of relays
DEC Daiichi Electric Co., Ltd.
https://www.j-dec.co.jp