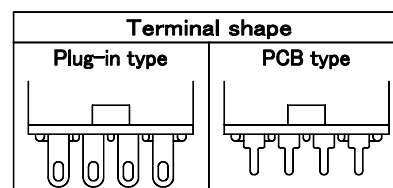


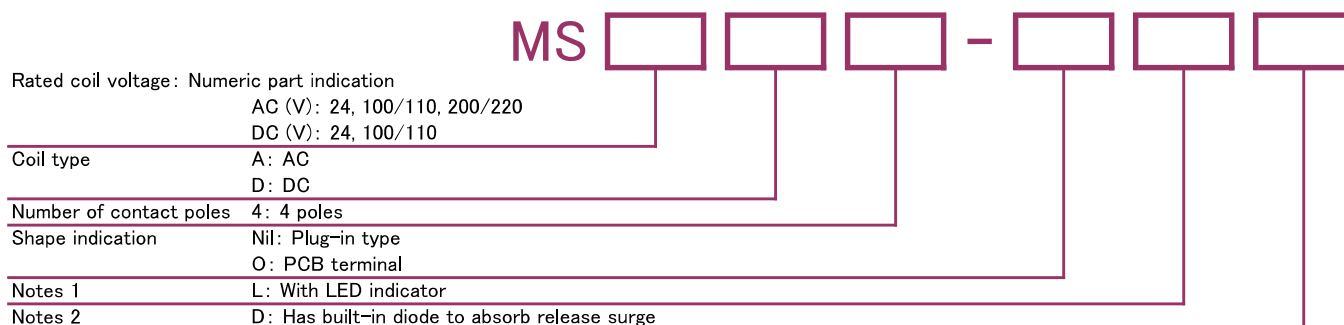
# MS series

## Features

- General purpose miniature power relay boasting high reliability and achievement.
- Terminal shape suitable for the application is standard (plug-in terminal and PCB terminal).
- Small size 4c relay.
- LED and diode built-in type are available upon request.



## Model numbering system



## Safety standards

	Contact rating
UL/cUL	5A 250VAC
Electrical Appliances and Materials Safety Act	Conformable

## Coil ratings

AC/DC	Item Voltage	Rated current (mA)		Coil resistance (Ω)	Operate voltage (V)	Release voltage (V)	Maximum voltage (V)	Power consumption
		50Hz	60Hz					
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				
DC	24	36.9		650	80% max.	10% min.	110%	0.9W
	100/110	9.1/10		11 000				

- Notes:
1. Rated current and coil resistance are values at coil temperature of 20°C, with tolerance of +15%/–20% for AC rated current. Tolerance is ±10% for DC coil resistance. Also, the rated current is the value of the type without LED indicator.
  2. Operate voltage and release voltage are values at coil temperature of 20°C.
  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°C.
  4. “/” (for example, AC100/110) of the rated voltage indicates multiple ratings (AC100V 50Hz/60Hz, AC110V 50Hz/60Hz).

DEC is a professional manufacturer of relays

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