

## MP-952 Series

### Features

- 30Amp, small Tab terminal type power relay.
- High Insulation current 65A.
- Surge strength: 4000 VAC.
- 1 Form A (SPST-NO) contact.
- Nominal power 1200mW.
- Operating power 680mW.
- Tab Terminal.
- Printed Circuit Coil Terminals Type Available.
- Small package - Meet High Density Mounting Requirement.



### How to Order (Ex.MP-952-1 A-24 DW)

MP	<input type="checkbox"/> -952	<input type="checkbox"/> -1A	<input type="checkbox"/> -24	<input type="checkbox"/> -D	<input type="checkbox"/> -W
	Part Number	1A=1FormA (SPST-NO)	3~60V	D=DC	W=(Quick terminal) P= (PCB terminal)

### Coil Rating (at 20°C)

Coil Type	Nominal Voltage (DC)	Coil Resistance ( $\Omega \pm 10\%$ )	Nominal Current (mA)	Pick-up or Below Volts(VDC)	Drop-out or Above Volts(VDC)
DC	3	7.5	400.00	70%Max	10%Min
	5	20.8	240.38		
	6	30	200.00		
	9	67	134.33		
	12	120	100.00		
	18	270	66.67		
	24	480	50.00		
	48	1,920	25.00		
	60	3,000	20.00		

\*Max Continuous Voltage at 20°C:130% of Coil Nominal Voltage.

### Contact Ratings

Load	1 Form A (SPST-NO)
Resistive Load	30A/250VAC 30A/28VDC
Max.Switching Power	7500VA 840W
Max.Switching Voltage	250VAC 28VDC
Max.Switching Current	30A

### Characteristics

Electrical Life	1x 10 <sup>5</sup>
Mechanical Life	1x 10 <sup>5</sup>
Initial Insulation Resistance	Min.1000M $\Omega$ 500VDC
Contact Resistance (Initial)	$\leq 50m\Omega$
Operate Time	$\leq 10ms$
Release Time	$\leq 8ms$
Initial Dielectric Strength	50/60Hz 1,200VAC 1min.(between open contact) 50/60Hz 4,000VAC 1min (between Contacts and Coil)
Vibration	10 to 55 Hz at Double Amplitude of 1.5mm
Shock Resistance	Malfunction: 10g(11ms)/Destructive: 100g(6ms)
Ambient Temperature	-40°C ~ +85°C
Relative Humidity	85% at 40°C
Contact Material	Ag-CdO
Unit Weight (g)	Approx. $\leq 55g$
Size (mm)	24.1 x 32.2 x 50.0

## OUTLINE DIMENSIONS

