

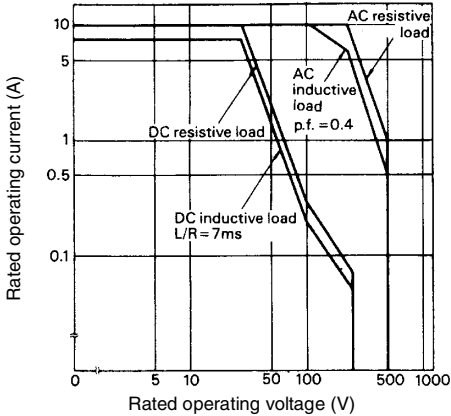
## ■ Characteristics

<b>Contact resistance</b>		50 mΩ max.
<b>Operate time</b>		AC: 20 ms max. DC: 30 ms max.
<b>Release time</b>		20 ms max.
<b>Operating frequency</b>	<b>Mechanical</b>	18,000 operations/hour
	<b>Electrical</b>	1,800 operations/hour (under rated load)
<b>Insulation resistance</b>		100 MΩ min. (at 500 VDC)
<b>Dielectric strength</b>		2,500 VAC, 50/60 Hz for 1 minute between coil and contacts 1,000 VAC, 50/60 Hz for 1 minute between contacts of same poles, between terminals of the same polarity 2,500 VAC, 50/60 Hz for 1 minute between current-carrying parts, noncurrent-carrying parts, and terminals of opposite polarity
<b>Vibration</b>	<b>Mechanical durability</b>	10 to 55 Hz, 1.50 mm (0.06 in) double amplitude
	<b>Malfunction durability</b>	10 to 55 Hz, 1.00 mm (0.04 in) double amplitude
<b>Shock</b>	<b>Mechanical durability</b>	1,000 m/s <sup>2</sup> (approx. 100 G)
	<b>Malfunction durability</b>	100 m/s <sup>2</sup> (approx. 10 G)
<b>Ambient temperature</b>		Operation: -10° to 40°C (14° to 104°F)
<b>Humidity</b>		35 to 85% RH
<b>Service Life</b>	<b>Mechanical</b>	10 million operations min. (at operating frequency of 18,000 operations/hour)
	<b>Electrical</b>	100,000 operations at rated load (at operating frequency of 1,800 operations/hour)
<b>Weight</b>		Approx. 85 g (3.0 oz)

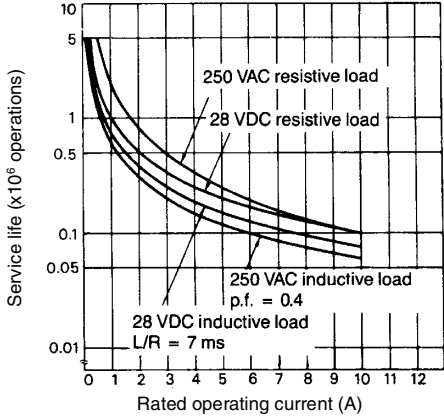
Note: Data shown are of initial value.

## ■ Characteristic Data

Maximum switching capacity  
MK2P-S



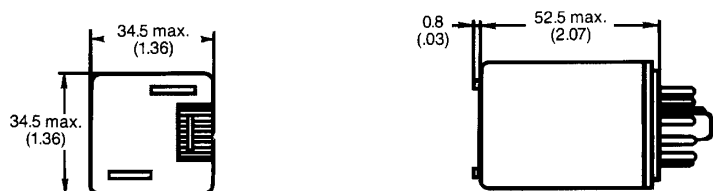
Electrical service life  
MK2P-S, MK3P5-S



# Dimensions

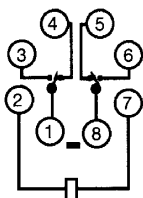
Unit: mm (inch)

## ■ Relays

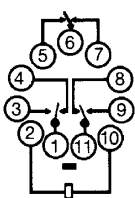


## ■ Terminal Arrangement (Bottom view)

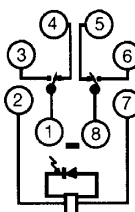
Standard type (AC/DC coil)  
MK2P-I, -S



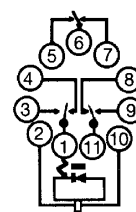
MK3P5-I, -S



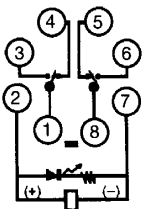
LED indicator type (AC coil)  
MK2PN-I, -S



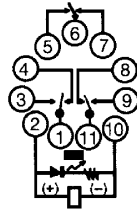
MK3PN-5-I, -S



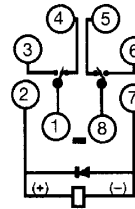
LED indicator type (DC coil)  
MK2PN-I, -S



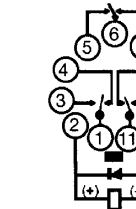
MK3PN-5-I, -S



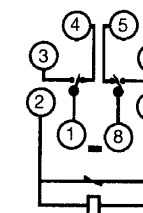
Diode type (DC coil)  
MK2PD-I, -S



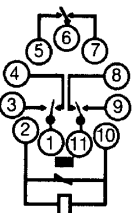
MK3PD-5-I, -S



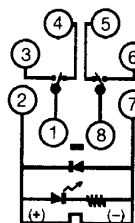
Varsistor type (AC coil)  
MK2PV-I, -S



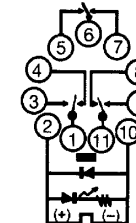
MK3PV-5-I, -S



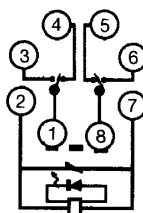
LED indicator and diode type (DC coil)  
MK2PND-I, -S



MK3PND-5-I, -S



LED indicator and Varsistor type (AC coil)  
MK2PNV-I, -S



MK3PNV-5-I, -S

