



## General Purpose Plug-In Relays

### Technical Data and Specifications

#### MSP Test Button and Flag Series Relay

Description	MSP2P-T ( 2 Pole )	MSP4P-T ( 4 Pole )
<b>Product Photo</b>		
<b>Contact Characteristics</b>		
Contact rating	<b>12A</b>	<b>7A</b>
Switching current at voltage-resistive	12A at 277Vac 50/60Hz	7A at 277Vac 50/60Hz
	12A at 120Vac 50/60Hz	8A at 120Vac 50/60Hz
	12A, 30Vdc	7A, 30Vdc
Switching current at voltage	1HP at 277Vac 1/2HP at 120Vac	1/2HP at 277Vac 1/3HP at 120Vac
Minimum switching requirement	100mA at 5Vdc (0.5W)	100mA at 5Vdc (0.5W)
<b>Coil Characteristics</b>		
Coil voltage		
AC Coil	6V, 12V, 24V, 48V, 110V, 120V, 240V	
DC Coil	6V, 12V, 18V, 24V, 48V, 60V, 110V, 220V	
Operating range		
% of nominal(AC)	85 to 110%	
% of nominal(DC)	80 to 110%	
Dropout voltage threshold		
% of nominal(AC)	15% min.	
% of nominal(DC)	10% min.	
<b>Performance</b>		
Operating Time at nominal voltage	< 20msec	
Release Time at nominal voltage	< 10msec	
<b>Dielectric strength</b>		
Between coil and contacts Vac (rms)	1500 rms	
Between poles Vac (rms)	1500 rms	
<b>Environment</b>		
Ambient temperature	-15° to 40°C (5° to 104°F)	
<b>Features</b>		
Features	<b>Features :</b> 1) <u>Full featured Relay</u> Locking pushbutton, LED, Mechanical flag inicator.	