


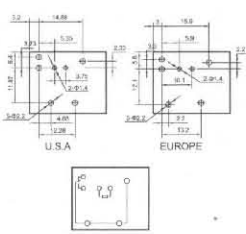
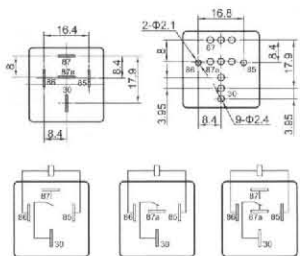
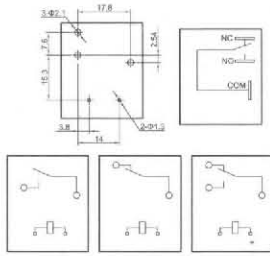


# ITP-YOI Relays

Classification	Automotive Relay		
Type	TRKP	TRV6	NT-90
Appearance			
Outline L*W*H (mm)	26.2x21.0x21.0	28.6x28.6x26.5 28.6x28.6x42.5	32.4x2.5x20
Features	<ul style="list-style-type: none"> <li>• 40A continuous rating 85°C</li> <li>• PC board terminals</li> <li>• Inrush current 100A</li> <li>• Open &amp; sealed version available</li> </ul>	<ul style="list-style-type: none"> <li>• 80A continuous rating 85°C</li> <li>• 1A, 1B&amp;1C arrangements</li> <li>• Plug-in or PC board terminals</li> <li>• Optional mounting bracket</li> </ul>	Small size, light weight. Low coil power consumption, heavy contact load, strong anti shock and anti vibration, high reliability, long life. Suitable for automobile, machine, electronic equipment, A.C., Inverters and Stabilizers.
<b>Contact Rating</b>			
Contact Form	1H, 1Z	1H, 1D, 1Z	1A 1Z
Contact Material	Silver Alloy	Silver Alloy	AgCdO, AgSnO
Max. Operating Current	40A	50A 80A	40A
Minimum Load		0.5A 12VDC	
Max. Operating Voltage	60VDC	75VDC	250VAC/30VDC
Max. Operating Power	560W	980W	200VA/1100W
Rated Load (Resistive Load)	NO:40A 14VDC NC:30A 14VDC	NO:50A 14VDC NO:80A 14VDC NC:40A 14VDC NC:60A 14VDC	NO-40A/NC-30A, 250VAC/30VDC
Contact Resistance(mΩ) (at 6VDC 1A)	100	100	<30
<b>Coil Ratings</b>			
Rated Voltage	3-24 VDC	6-24VDC	3-110VDC
Nominal Operating Power	1200/1600/1900mW	1800mW	0.9W
<b>General Data</b>			
Insulation Resistance(MΩ) (at 500 VDC)	100	100	1000
Dielectric Strength Between Contacts	500VAC	500VAC	50Hz 1500V
Between Coil and Contacts	500VAC	500VAC	50Hz 2500V
Ambient Temperature (°C)	-40 to +85°C	-40 to +85°C	-55 to +100
Operate/Release Time	5ms/4ms	7ms/5ms	15ms / 10ms
Mechanical Life(Min)	10,000,000	10,000,000	10,000,000
Electrical Life(Min)	100,000	100,000	100,000
Layout (Bottom View)			
Terminal Type	PCB	PCB & Quick Connects	PCB
Approved Standards			
Cross-Reference	P&B:VKP TYCO:V23076 ZETTLER:AZ970/971	ZETTLER:AZ979/980	