


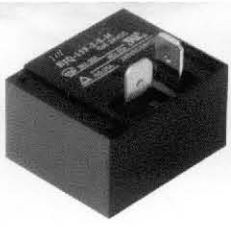
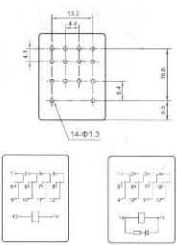
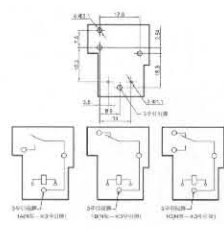
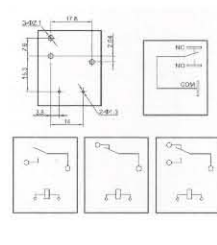
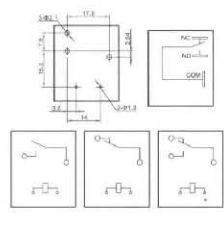


# ITP-YOI Relays

Classification	Power Relay			
Type	HJQ-22F-4	HJQ-15F	HJQ-15F-1	HJQ-15F-2
Appearance				
Outline L*W*H (mm)	28x21.5x35	32x27.4x19.3	32x27.4x27.8	32x27.4x19.3
Features	<ul style="list-style-type: none"> <li>• 4 pole configurations</li> <li>• Au-clad contact available</li> </ul>	<ul style="list-style-type: none"> <li>• High power&amp;low cost</li> <li>• 30A switching capability</li> <li>• Less than 1W coil power</li> <li>• Open type available</li> <li>• Class B/F available</li> </ul>	<ul style="list-style-type: none"> <li>• QC&amp;PC terminals</li> <li>• High dielectric strength 3,000VAC</li> <li>• Optional flanged case for panel mounting</li> <li>• Class B/F available</li> </ul>	<ul style="list-style-type: none"> <li>• QC&amp;PC terminals</li> <li>• High dielectric strength 3,000VAC</li> <li>• Optional flanged case for panel mounting</li> <li>• Class B/F available</li> </ul>
<b>Contact Rating</b>				
Contact Form	4Z	1H,1D,1Z	1H,1D,1Z	1H,1D,1Z
Contact Material	Silver Alloy	Silver Alloy	Silver Alloy	Silver Alloy
Max. Operating Current	5A	30A	30A	30A
Minimum Load	100mA 5VDC	500mA 5VDC	500mA 5VDC	500mA 5VDC
Max. Operating Voltage	240VAC/28VDC	250VAC/30VDC	250VAC/30VDC	250VAC/30VDC
Max. Operating Power	1200VA/140W	7200VA/560W	7200VA/560W	6000VA/560W
Rated Load (Resistive Load)	5A 240VAC 5A 28VDC	1H:25A(30A)240VAC/20A 28VDC 1D:15A 240VAC/10A 28VDC 1Z:20A/10A 240VAC/28VDC	1H:25A(30A)240VAC/20A 28VDC 1D:15A 240VAC/10A 28VDC 1Z:20A/10A 240VAC/28VDC	1H:25A(30A)240VAC/20A 28VDC 1D:15A 240VAC/10A 28VDC 1Z:20A/10A 240VAC/28VDC
Contact Resistance(mΩ) (at 6VDC 1A)	100	100	100	100
<b>Coil Ratings</b>				
Rated Voltage	5-110VDC, 6-240VAC	5-110VDC	5-110VDC	5-48VDC
Nominal Operating Power	900mW/1.2VA	930mW	930mW	930mW
<b>General Data</b>				
Insulation Resistance(MΩ) (at 500 VDC)	100	100	100	100
Dielectric Strength Between Contacts	1000VAC	1500VAC	1500VAC	1500VAC
Between Coil and Contacts	1500VAC	1500VAC	1500VAC	1500VAC
Ambient Temperature (°C)	-40 to +70°C	-40 to +85°C	-40 to +85°C	-40 to +85°C
Operate/Release Time	25ms/25ms	15ms/10ms	15ms/10ms	15ms/10ms
Mechanical Life(Min)	10,000,000	10,000,000	10,000,000	10,000,000
Electrical Life(Min)	100,000	100,000	100,000	100,000
Layout (Bottom View)				
Terminal Type	PCB & Quick Connects	PCB	PCB & Quick Connects	PCB & Quick Connects
Approved Standards	UL,cUL,CQC	UL,cUL,TÜV,CQC	UL,cUL,TÜV,CQC	UL,cUL,TÜV,CQC
Cross-Reference	OMRON:MY4 NAIS:HC OEG:SRE SCHRACK:ZT OEN-37	OMRON:G8P NAIS:JT OEG:ORU P&B:T90/T9A OEN-62	OMRON:G7G/G8P NAIS:JT OEG:ORU P&B:T90/T9A OEN-63	OMRON:G7G/G8P NAIS:JT OEG:T90/T9A P&B:T90/T9A