


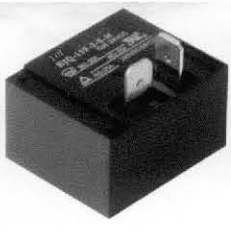
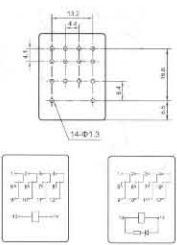
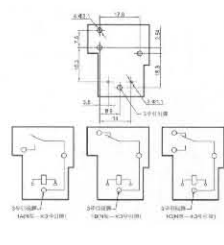
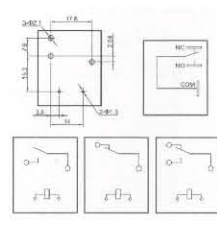
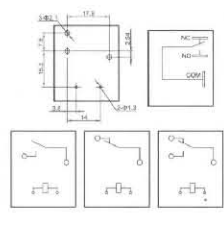


ITP-YOI Relays

| 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"> • 4 pole configurations • Au-clad contact available | <ul style="list-style-type: none"> • High power&low cost • 30A switching capability • Less than 1W coil power • Open type available • Class B/F available | <ul style="list-style-type: none"> • QC&PC terminals • High dielectric strength 3,000VAC • Optional flanged case for panel mounting • Class B/F available | <ul style="list-style-type: none"> • QC&PC terminals • High dielectric strength 3,000VAC • Optional flanged case for panel mounting • Class B/F available |
| Contact Rating | | | | |
| 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 |
| Coil Ratings | | | | |
| Rated Voltage | 5-110VDC, 6-240VAC | 5-110VDC | 5-110VDC | 5-48VDC |
| Nominal Operating Power | 900mW/1.2VA | 930mW | 930mW | 930mW |
| General Data | | | | |
| 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 |