

# HJQ-22F-240VAC-2Z 5A



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### CONTACT DATA:

|                            |                                |
|----------------------------|--------------------------------|
| Contact Form               | 2C/3C/4C                       |
| Contact Material           | Ag Alloy                       |
| Contact Ratings            | 5A 240VAC/30VDC                |
| Max Switching Voltage      | 250VAC/30VDC                   |
| Max Switching Current      | 7A                             |
| Max Switching Power        | 1750VA/210W                    |
| Initial Contact Resistance | 100m $\Omega$ Max at 6VDC 1A   |
| Life Expectancy Electrical | 100,000 Operations(rated load) |
| Life Expectancy Mechanical | 10,000,000 Operations(no load) |

### GENERAL DATA:

|   |                                     |      |
|---|-------------------------------------|------|
| Insulation Resistance                         | 100M $\Omega$ min at500VDC          |      |
| Dielectric Strength Between Open Contacts     | 1000VAC 50-60HZ( 1 minute)          |      |
| Dielectric Strength Between Contacts And Coil | 1500VAC 50-60HZ( 1 minute)          |      |
| Operate Time                                  | 25ms max                            |      |
| Release Time                                  | 25ms max                            |      |
| Ambient Temperature                           | -40 $^{\circ}$ C to+70 $^{\circ}$ C |      |
| Shock Resistance                              | Malfunction                         | 20G  |
|   | Destruction                         | 100G |
| Vibration Resistance                          | 10-55Hz,1.5mm double amplitude      |      |
| Ambient humidity                              | 40-85% RH                           |      |
| Weight  | Approx 32g                          |      |

|                 |     |
|-----------------|-----|
| Safety Standard | CQC |
|-----------------|-----|

**COIL DATA : (@20 °C )**

| Rated Voltage (V) | DC Coil                                 |                           |                           | AC Coil                                 |                           |                           |
|-------------------|---|---------------------------|---------------------------|---|---------------------------|---------------------------|
|                   | Coil Resistance $\Omega$ ( $\pm 10\%$ ) | Max Operate Voltage (VDC) | Min Release Voltage (VDC) | Coil Resistance $\Omega$ ( $\pm 10\%$ ) | Max Operate Voltage (VDC) | Min Release Voltage (VDC) |
| 5                 | 32                                      | 3.75                      | 0.5                       | -                                       | -                         | -                         |
| 6                 | 40                                      | 4.5                       | 0.6                       | 10.5                                    | 4.8                       | 1.8                       |
| 12                | 160                                     | 9                         | 1.2                       | 43                                      | 9.6                       | 3.6                       |
| 24                | 650                                     | 18                        | 2.4                       | 160                                     | 19.2                      | 7.2                       |
| 48                | 2600                                    | 36                        | 4.8                       | 668                                     | 38.4                      | 14.4                      |
| 120               | -                                       | -                         | -                         | 3900                                    | 96                        | 36                        |
| 240               | -                                       | -                         | -                         | 12000                                   | 176                       | 72                        |

**PC Board Layout & Wiring Diagram (Bottom View)**

