## CLI IN HH52P, HH53P, HH54P) General Purpose Relay

## Model and Description

| HHC68B(HH52P) - L - 20 | C - 12VDC    |
|------------------------|--------------|
|                        | Coil voltage |
|                        | LED          |
|                        | Model        |

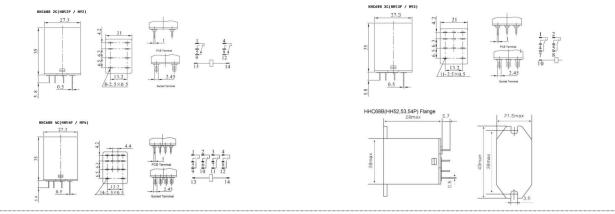




★Contact form: A=NO, B=NC, C=NO&NC

| Specification                      | 1               |                                      |  |                 |          |  |
|------------------------------------|-----------------|--------------------------------------|--|-----------------|----------|--|
| Dimension                          |                 |                                      | 27.3mm*21mm*35mm                       |                 |          |  |
|                                    | Form            |                                      | 2A,2B,2C                               | 3A,3B,3C        | 4A,4B,4C |  |
| Contact<br>Feature                 | Rated load      |                                      | 5A                                     | 5A              | 3A       |  |
|                                    | Max switching   | Max switching voltage                |  | 240VAC/28VDC    |          |  |
|                                    | Contact resista | nce                                  | ≤100mΩ                                 |                 |          |  |
|                                    | Material        |                                      | Silver Alloy                           |                 |          |  |
|                                    | Electrical life |                                      | ≥1*10 <sup>5</sup>                     |                 |          |  |
|                                    | Mechanical life |                                      | ≥1*10 <sup>7</sup>                     |                 |          |  |
| Operate voltage (23℃)              |                 | DC:≤75%*Rated voltage                |  |                 |          |  |
|                                    |                 | AC:≤80%*Rated voltage                |  |                 |          |  |
| Release volta                      | ude (23℃)       |                                      | DC:≥10%*Rated voltage                  |                 |          |  |
| Release voltage (23℃)              |                 |                                      | AC:≥30%*Rated voltage                  |                 |          |  |
| Maximum voltage (23℃)              |                 |                                      | 110%*Rated voltage                     |                 |          |  |
| Coil voltage                       | DC              |                                      | DC6-220V(Customize allowed)            |                 |          |  |
|                                    | AC              |                                      | AC6-380V(Customize allowed)            |                 |          |  |
| Coil power                         | DC              |                                      |  | 0.9W            |          |  |
| Coil power                         | AC              |                                      | 1.2VA                                  |                 |          |  |
| Pick-up time                       |                 |                                      | ≤15ms                                  |                 |          |  |
| Release time                       |                 |                                      | ≤10ms                                  |                 |          |  |
| Dialactria                         | Between Same    | -pole contacts                       | 1000VAC/1min(leakage current 1mA)      |                 |          |  |
| Dielectric                         | Between Oppos   | site-pole contacts                   | 1000VAC/1min(leakage current 1mA)      |                 |          |  |
| strength Between contacts and coil |                 | 1500VAC/1min(leakage current 1mA)    |  |                 |          |  |
| Insulation resistance              |                 |                                      | ≥100mΩ(500VDC)                         |                 |          |  |
| Ambient temperature                |                 | -25℃ ~55℃                            |  |                 |          |  |
| Ambient humidity                   |                 | 45%-75%RH                            |  |                 |          |  |
| Atmospheric pressure               |                 |                                      | 86-106KPa                              |                 |          |  |
| Shock resistance                   |                 |                                      | 10G (sinusoidal half-wave pulse: 11ms) |                 |          |  |
| Vibration resistance               |                 | 10-55Hz (double amplitude: 1.5mm)    |  |                 |          |  |
| Installation                       |                 | PCB or Socket with DIN Rail or Screw |  |                 |          |  |
| Packing                            | Inner box       | Paper box                            | 20PCS                                  |                 |          |  |
|                                    |                 | Foam box                             |  | 50PCS           |          |  |
|                                    | Outer box       | Paper box                            |  | 600PCS/CTN      |          |  |
|                                    |                 | Foam box                             |  | 500PCS/CTN      |          |  |
|                                    | Dimension of    | 600PCS/CTN                           | 330mm*310mm*345mm                      |                 |          |  |
|                                    | the carton      | 500PCS/CTN                           |  | 40mm*310mm*345m |          |  |
|                                    | Weight          | 1PCS                                 | Approximate 35g                        |                 |          |  |
|                                    |                 | 600PCS/CTN                           | G.W:22Kg N.W:21Kg                      |                 |          |  |
|                                    |                 | 500PCS/CTN                           | G.W:19Kg N.W:18Kg                      |                 |          |  |

## Wiring Diagram & Bottom View



## Performance Graph

