

# HDZ8P Miniature Relay

Standard:EN60947-1/EN60947-5-1



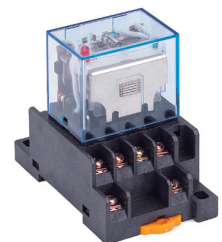
## Function

- Used to implement the conversion of intermediate control signals and low-power output. In the field of industrial control, used in conjunction with contactors, relays, circuit breakers, etc.

## Order Information

| Rated Current | Poles | LED  | Control Voltage Type | Reference    | Base reference |
|---------------|-------|------|----------------------|--------------|----------------|
| 5A            | 2     | L    | AC                   | HDZ8P052L*1  | HDZ8PPYF08A    |
|               |       | None | AC                   | HDZ8P052*1   | HDZ8PPYF08A    |
|               |       | L    | DC                   | HDZ8P052L*Z1 | HDZ8PPYF08A    |
|               |       | None | DC                   | HDZ8P052*Z1  | HDZ8PPYF08A    |
|               | 3     | L    | AC                   | HDZ8P053L*1  | HDZ8PPYF11A    |
|               |       | None | AC                   | HDZ8P053*1   | HDZ8PPYF11A    |
|               |       | L    | DC                   | HDZ8P053L*Z1 | HDZ8PPYF11A    |
|               |       | None | DC                   | HDZ8P053*Z1  | HDZ8PPYF11A    |
|               | 4     | L    | AC                   | HDZ8P054L*1  | HDZ8PPYF14A    |
|               |       | None | AC                   | HDZ8P054*1   | HDZ8PPYF14A    |
|               |       | L    | DC                   | HDZ8P054L*Z1 | HDZ8PPYF14A    |
|               |       | None | DC                   | HDZ8P054*Z1  | HDZ8PPYF14A    |
| 3A            | 4     | L    | AC                   | HDZ8P034L*1  | HDZ8PPYF14A    |
|               |       | None | AC                   | HDZ8P034*1   | HDZ8PPYF14A    |
|               |       | L    | DC                   | HDZ8P034L*Z1 | HDZ8PPYF14A    |
|               |       | None | DC                   | HDZ8P034*Z1  | HDZ8PPYF14A    |
| 10A           | 2     | L    | AC                   | HDZ8P102L*1  | HDZ8PPTF08A    |
|               |       | None | AC                   | HDZ8P102*1   | HDZ8PPTF08A    |
|               |       | L    | DC                   | HDZ8P102L*Z1 | HDZ8PPTF08A    |
|               |       | None | DC                   | HDZ8P102*Z1  | HDZ8PPTF08A    |
|               | 3     | L    | AC                   | HDZ8P103L*1  | HDZ8PPTF11A    |
|               |       | None | AC                   | HDZ8P103*1   | HDZ8PPTF11A    |
|               |       | L    | DC                   | HDZ8P103L*Z1 | HDZ8PPTF11A    |
|               |       | None | DC                   | HDZ8P103*Z1  | HDZ8PPTF11A    |
|               | 4     | L    | AC                   | HDZ8P104L*1  | HDZ8PPTF14A    |
|               |       | None | AC                   | HDZ8P104*1   | HDZ8PPTF14A    |
|               |       | L    | DC                   | HDZ8P104L*Z1 | HDZ8PPTF14A    |
|               |       | None | DC                   | HDZ8P104*Z1  | HDZ8PPTF14A    |

| Coil voltage code |    |     |     |     |     |     |      |      |      |      |      |      |  |
|-------------------|----|-----|-----|-----|-----|-----|------|------|------|------|------|------|--|
| Voltage           | 6V | 12V | 24V | 36V | 48V | 60V | 110V | 127V | 220V | 230V | 240V | 380V |  |
| *                 | I  | J   | B   | C   | E   | D   | F    | S    | M    | N    | U    | Q    |  |



Motor Control and Protection



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## Technical information

|                        | 5A                       |    | 3A,5A | 10A                  |          |            |
|------------------------|--------------------------|----|-------|----------------------|----------|------------|
|                        | 2P                       | 3P | 4P    | 2P                   | 3P       | 4P         |
| Coil voltage           | AC6V-380V ,DC6V-220V     |    |       |                      |          |            |
| Main Contacts Capacity | 240VAC/28VDC             |    |       | 240VAC/24VDC         |          |            |
| LED                    | LED ,No LED              |    |       |                      |          |            |
| Nominal Coil Power     | 0.9W/1.2VA               |    |       | 0.9W/1.2VA           | 1.4W/2VA | 1.5W/2.5VA |
| Contact Resistance     | ≤100mΩ                   |    |       | ≤50mΩ                |          |            |
| Insulation Resistance  | ≥500mΩ                   |    |       |                      |          |            |
| Dielectric Strength    | BCC 1500VAC 1minute      |    |       |                      |          |            |
|                        | BOC 1000VAC 1minute      |    |       |                      |          |            |
| Operate / ReleaseTime  | 25ms / 25ms              |    |       |                      |          |            |
| Installation method    | PCB installation, Socket |    |       | PCB mounting, Socket |          |            |