

# HH6□P

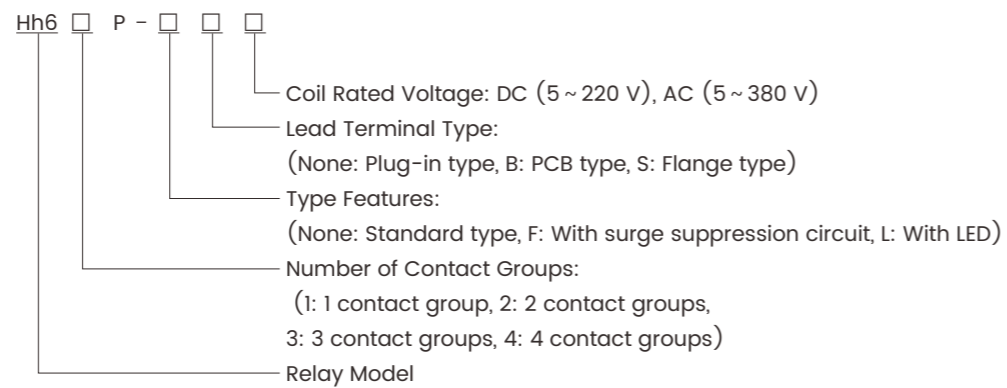
## Series of small electromagnetic relays



### Scope of Application

Four contact types: 1Z, 2Z, 3Z, and 4Z; complete AC and DC specifications; encapsulated with a transparent dust cover; various installation methods; various sockets are available, including those with indicator lights; similar models: LY1(N), LY2(N), LY3(N), and LY4(N).

### Model and Meaning



### Main Technical Parameters

Contact	Type	1Z, 2Z, 3Z, 4Z
	Load (Resistive)	16A/240VAC 30VDC 10A/240VAC 30VDC
	Contact Resistance (Initial)	500mΩ
	Material	silver alloy
	Electrical Life (cycles)	1x10 <sup>8</sup>
	Mechanical Life (cycles)	1x10 <sup>7</sup>
Pull-in voltage		DC: ≤75% of rated voltage, AC: ≤80% of rated voltage
Release voltage		DC: ≥10% of rated voltage, AC: ≥20% of rated voltage
Maximum voltage		110% of rated voltage
Coil Specifications	Direct Current (DC)	5V, 12V, 24V, 36V, 48V, 110V, 127V, 220V (voltage can be customized)
	Alternating Current (AC)	5V, 12V, 24V, 36V, 48V, 110V, 127V, 220V, 380V (voltage can be customized)
Coil Power	Direct Current (DC)	0.9W (1Z, 2Z) , 1.4W (3Z) , 1.5W (4Z)
	Alternating Current (AC)	1.2VA (1Z, 2Z) , 2VA (3Z) , 2.5VA (4Z)
Adsorption time		≤25ms
Release time		≤25ms
Dielectric Withstand Pressure	Between coil and yoke, between opposite groups of contacts	1500VAC
	Between open contacts	1000VAC
Insulation resistance		≥100mΩ (500VDC)
Ambient temperature		-25°C~+55°C
Ambient humidity		45%~75%RH
Atmospheric pressure		86kPa~106kPa
Shock (stability)		Acceleration 100 m/s <sup>2</sup> , pulse duration 11 ms
Vibration		Dual amplitude 1.0mm, 10-55Hz
Installation method		Rail-mounted, bolt-mounted, and PCB-soldered types

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### Matching Socket

Serial Number	Relay model	Socket model
1	HH61P, HH62P	PYF08A
2	HH63P	PYF11A
3	HH64P	PYF14A

### External shape and installation dimensions

