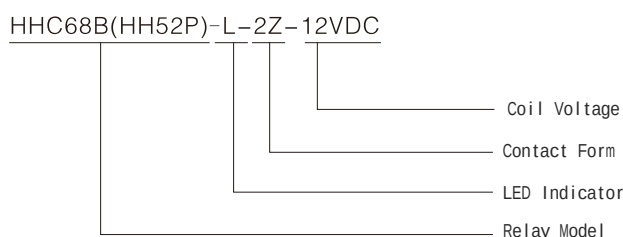


HHC68B(HH52,53,54P)Miniature Electromagnetic Relay

Model Explanation



Product Features

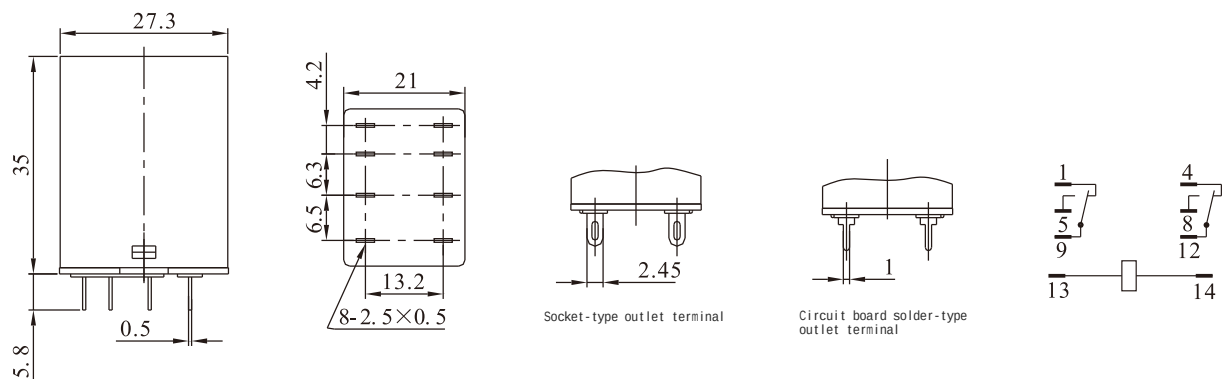
◇ Ultra-small volume;◇ Low power consumption;◇ Large contact load;◇ High sensitivity;◇ Configurable indicator light.

Technical Parameters

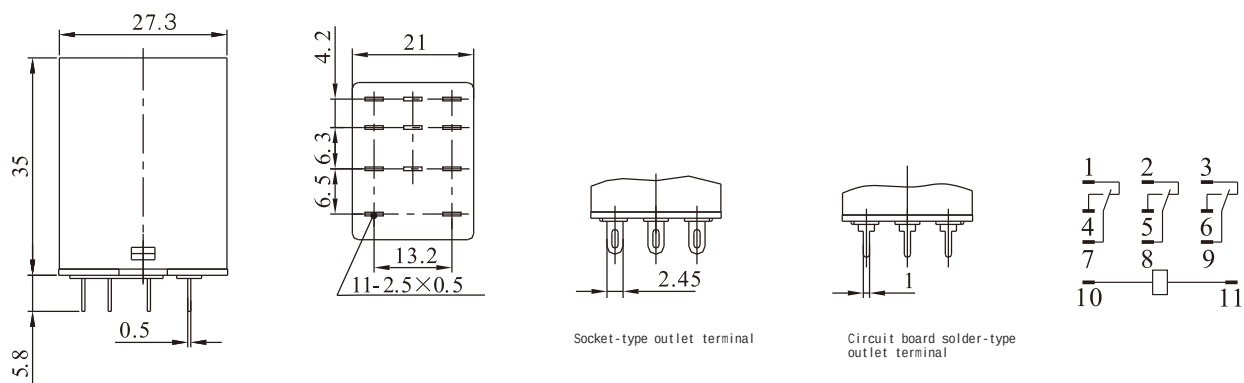
Contact	Type	2Z,2H,2D	3Z,3H,3D	4Z,4H,4D
	Load (Resistive)	5A/240VAC 28VDC		3A/240VA 28VDC
	Contact Resistance (Initial)	$\leq 100\text{m}\Omega$		
	Material	Silver Alloy		
	Electrical Life (Frequency: 1s ON, 1s OFF)	$\geq 10^5$ times		
Mechanical Life (Frequency: 300 times/minute)		$\geq 10^7$ times		
Pick-up Voltage (23°C)		DC: $\leq 75\% \times \text{Rated Voltage}$; AC: $\leq 80\% \times \text{Rated Voltage}$		
Drop-out Voltage (23°C)		DC: $\leq 75\% \times \text{Rated Voltage}$; AC: $\leq 80\% \times \text{Rated Voltage}$		
Maximum Voltage (23°C)		$110\% \times \text{Rated Voltage}$		
Coil Specification	DC	6V,9V,12V,24V,36V,48V,110V,220V (Voltage can be customized)		
	AC	6V,9V,12V,24V,36V,48V,110V,220V,380V (Voltage can be customized)		
Coil Power	DC	0.9W		
	AC	1.2VA		
Pick-up Time		$\leq 15\text{ms}$		
Drop-out Time		$\leq 10\text{ms}$		
Initial Withstand Voltage	Between Contacts of the Same Polarity	1000VAC/1min (Leakage Current 1mA)		
	Between Contacts of Different Polarities	1000VAC/1min (Leakage Current 1mA)		
	Between Contacts and Coil	1500VAC/1min (Leakage Current 1mA)		
Insulation Resistance		$\geq 100\text{M}\Omega$ (500VDC)		
Ambient Temperature		$-25\sim+55^\circ\text{C}$		
Ambient Humidity		45%~75%RH		
Atmospheric Pressure		86~106KPa		
Shock Resistance		10G (sine half-wave pulse: 11ms)		
Vibration Resistance		10~55Hz, double amplitude: 1.0mm		
Mounting Method		PCB solder type, rail socket type, bolt mounting type		
Packaging Information	Quantity per Inner Box	20 pieces/carton, 50 pieces/foam box		
	Quantity per Outer Box	Carton: 600 pieces/box; Foam box: 500 pieces/box		
	Outer Box Dimensions	600 pieces: 330mm×310mm×345mm; 500 pieces: 440mm×310mm×345mm		
	Weight	Approximately 35g/piece; 600 pieces: Gross weight 22KG/box, Net weight 21KG/box; 500 pieces: Gross weight 19KG/box, Net weight 18KG/box		

Outline Drawing, Wiring Diagram, and Installation Dimensions (mm)

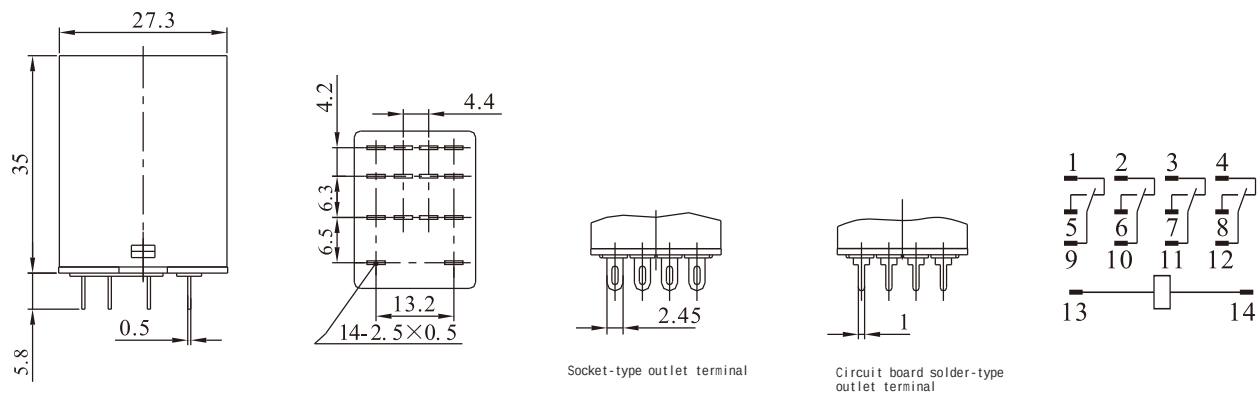
HHC68B-2Z(HH52P)



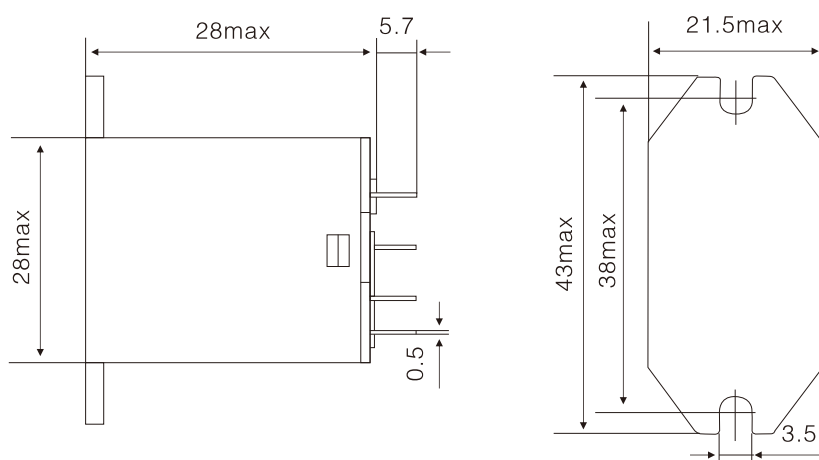
HHC68B-3Z(HH53P)



HHC68B-4Z(HH54P)



Flange-Type Screw Mounting Dimensions for HHC68B (HH52, 53, 54P)



Performance Curve Chart

