

HHC67F(T91) Small Electromagnetic Relay

Model Explanation



HHC67F(T91)-30A-1Z-12VDC S

S: Encapsulation Form (S stands for plastic-sealed type; SH stands for waterproof type)
 Coil Voltage
 Contact Form
 Contact Current
 Relay Model

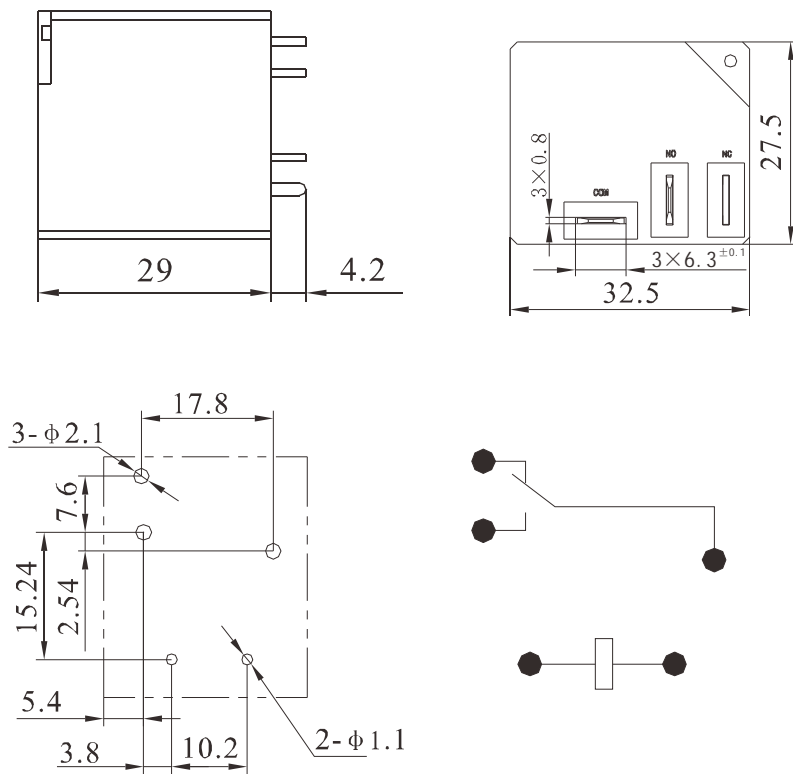
Product Features

◆ Ultra-small volume; ◆ Low power consumption; ◆ Large contact load; ◆ High sensitivity

Technical Parameters

Contact	Type	1Z, 1H, 1D
	Load (Resistive)	H:30A/240VAC 28VDC Z:20A/240VAC 28VDC H:40A/240VA 28VDC Z:30A/240VA 28VDC
	Contact Resistance (Initial)	≤100mΩ
	Material	Silver Alloy
	Electrical Life (Frequency: 1s ON, 1s OFF)	≥10 ⁵ times
	Mechanical Life (Frequency: 300 times/minute)	≥10 ⁷ times
Pick-up Voltage (23)	DC: 75% × Rated Voltage; AC: 80% × Rated Voltage	
Drop-out Voltage (23)	DC: 10% × Rated Voltage; AC: 30% × Rated Voltage	
Maximum Voltage (23)	110% × Rated Voltage	
Coil Specification	DC	3V, 5V, 6V, 9V, 12V, 15V, 18V, 24V, 36V, 48V, 110V, (Voltage can be customized)
	AC	12V, 24V, 48V, 110V, 220V, (Voltage can be customized)
Coil Power	DC	0.93W
	AC	1.5VA
Pick-up Time	≤15ms	
Drop-out Time	≤10ms	
Initial Withstand Voltage	Between Contacts of the Same Polarity	1500VAC/1min (Leakage Current 1mA)
	Between Contacts of Different Polarities	
	Between Contacts and Coil	2500V / 4500VAC / 1min (Leakage Current 1mA)
Insulation Resistance	≥100MΩ (500VDC)	
Ambient Temperature	-55~+70°C (Non-condensing)	
Ambient Humidity	35%~80%RH	
Atmospheric Pressure	86~106KPa	
Impact Resistance	10G (Sinusoidal Half-wave Pulse: 11ms)	
Vibration Resistance	10~55Hz Double Amplitude: 1.5mm	
Mounting Method	PCB Printed Board Welding Type	
Packaging Information	Quantity per Inner Box	50 pcs per Carton
	Quantity per Outer Carton	Cartons: 500 pcs per Outer Carton
	Outer Carton Dimensions	360mm × 210mm × 415mm
	Weight	Approx. 33g per pc, Gross Weight 17.5KG per Carton, Net Weight 16.5KG per Carton

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



Performance Curve Diagram

