

# HR705 Series

Cube Type Relays



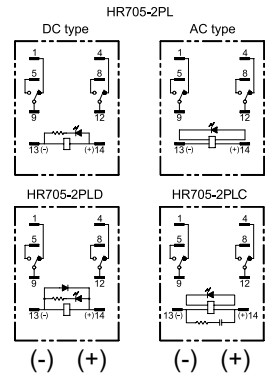
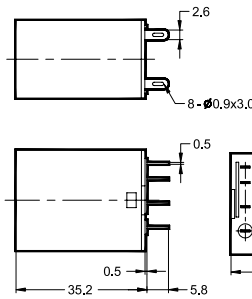
- 705 Series are designed with compact housing & ICE cube style, silver alloy contact, LED indicator, high reliability and long life
- Available Surge protection type to protect malfunction of PLC, electronic devices from back EMF

## Specifications

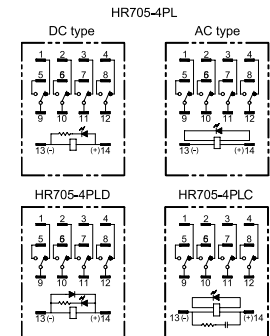
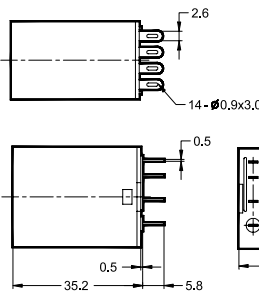
Part Numbers	Standard type	HR705-2PL-220VAC HR705-2PL-110VAC HR705-2PL-24VAC HR705-2PL-110VDC HR705-2PL-24VDC HR705-2PL-12VDC	HR705-4PL-220VAC HR705-4PL-110VAC HR705-4PL-24VAC HR705-4PL-110VDC HR705-4PL-24VDC HR705-4PL-12VDC
	Surge protection type	HR705-2PLD-12VDC HR705-2PLD-24VDC HR705-2PLC-110VAC HR705-2PLC-220VAC	HR705-4PLD-12VDC HR705-4PLD-24VDC HR705-4PLC-110VAC HR705-4PLC-220VAC
Contact	Configuration	DPDT (2NO + 2NC)	4PDT (4NO + 4NC)
	Material	Silver alloy (24K gold plate)	
	Max. Switching current	5A	3A
	Rated Max. Resistive Load	5A at 24VDC/240VAC	3A at 24VDC/240 VAC
	Max. Switching Voltage	125VDC/ 250VAC	
	Min. Switching requirement	100mA 5VDC	
Coil Spec.	Voltage range	12VDC to 110VDC, 12VAC to 240VAC	
	Power consumption	AC: 0.9VA Approx. , DC: 0.9W Approx.	
	Minimum operating voltage	80% of the rated coil voltage	
	Max. Dropout voltage	DC Coil: 10% of rated voltage AC Coil: 30% of rated voltage	
	Operating Time	20ms	
General Info.	Dropout time	20ms	
	Insulation resistance	100MΩ at 500V DC	
	Dielectric Strength	Between Contact: 1,000 Vrms 1Min.	
		Between Contact & Coil: 1,500Vrms 1Min.	
	Mechanical life	1,000,000 operations	
	Electrical life	100,000 operations	
	Vibration resistant	10~55Hz at double amplitude of 1.5mm	
	Ambient temperature	-35 ~ +55°C (-13°F ~ 131°F) at non freezing	
	Ambient humidity	35% ~ 80% RH	
	Weight	33g (1.2oz)	
Socket	Socket part number	KMY2(Rail), KY08-02(PCB)	KMY4(Rail), KY14-02(PCB)
	Terminal Tightened Torque	0.5N • m (5.10kgf • cm)	

## Dimensions (unit: mm)

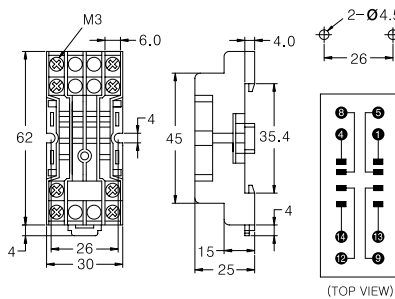
### HR705-2PL Series



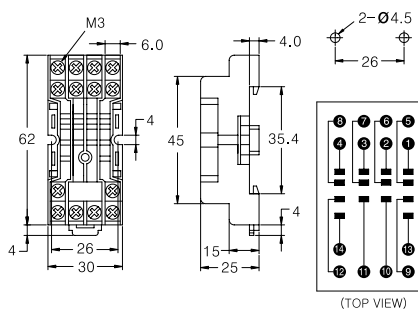
### HR705-4PL Series



### KMY2 Socket



### KMY4 Socket



### KMY4S Socket

