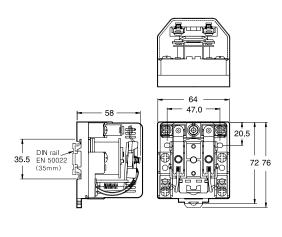




## HR723 Series Heavy Duty Relays

## Dimensions (unit: mm)

HR723-2A



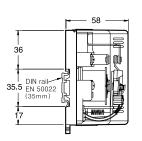


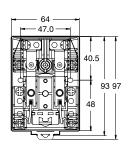


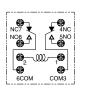
## **Specifications**

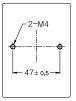
HR723-2A - 24VDC					
MaterialSilver alloyMax. Switching current30ARated Max. Resistive Load30A at 24VDC/220VACMax. Switching Voltage110VDC/250VACMin. Switching requirement100mA 5VDCVoltage range12VDC to 24VDC, 110VAC to 220VACPower consumptionAC: approx. 9.6VA, DC: approx. 2.8WMinimum operating voltageMax. Dropout voltageDC Coil: 10% of rated voltageAC coil: 30% of rated voltageDropout time30msInsulation resistance100MΩ at 500V DCBetween Contact(2a): 2,000 Vrms 1Min.Between Contact & Coil: 2,500Vrms 1Min.	Part Numbers		HR723-2A -110VAC	HR723-1C -110VAC	HR723-2C -110VAC
Contact         Max. Switching current       30A         Rated Max. Resistive Load       30A at 24VDC/220VAC         Min. Switching Voltage       110VDC/250VAC         Min. Switching requirement       100mA 5VDC         Voltage range       12VDC to 24VDC, 110VAC to 220VAC         Power consumption       AC: approx. 9.6VA, DC: approx. 2.8W         Minimum operating voltage         DC Coil: 10% of rated voltage         AC Coil: 30% of rated voltage         AC Coil: 30% of rated voltage         Dropout time       30ms         Insulation resistance       100MΩ at 500V DC         Between Contact(2a): 2,000 Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.	Contact	Configuration	DPST(2NO)	SPDT(1NO+1NC)	DPDT(2NO+2NC)
Rated Max. Resistive Load       30A at 24VDC/220VAC         Max. Switching Voltage       110VDC/250VAC         Min. Switching requirement       100mA 5VDC         Voltage range       12VDC to 24VDC, 110VAC to 220VAC         Power consumption       AC: approx. 9.6VA, DC: approx. 2.8W         Minimum operating voltage       80% of the rated coil voltage         DC Coil: 10% of rated voltage       AC coil: 30% of rated voltage         AC coil: 30% of rated voltage       AC coil: 30ms         Insulation resistance       100MΩ at 500V DC         Between Contact(2a): 2,000 Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.		Material	Silver alloy		
Rated Max. Resistive Load   30A at 24VDC/220VAC		Max. Switching current	30A		
Min. Switching requirement   100mA 5VDC		Rated Max. Resistive Load	30A at 24VDC/220VAC		
Voltage range   12VDC to 24VDC, 110VAC to 220VAC		Max. Switching Voltage	110VDC/250VAC		
Coil Spec.         Power consumption       AC: approx. 9.6VA, DC: approx. 2.8W         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       30ms         Dropout time       30ms         Insulation resistance       100MΩ at 500V DC         Between Contact(2a): 2,000 Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.		Min. Switching requirement	100mA 5VDC		
Coil Spec.         Minimum operating voltage         Max. Dropout voltage         DC Coil: 10% of rated voltage         AC Coil: 30% of rated voltage         30ms         Dropout time       30ms         Insulation resistance       100MΩ at 500V DC         Between Contact(2a): 2,000 Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.         Mechnical life       5,000,000 operations         Electrical life       100,000 operations		Voltage range	12VDC to 24VDC, 110VAC to 220VAC		
Spec.       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       30ms         Dropout time       30ms         Insulation resistance       100MΩ at 500V DC         Between Contact(2a): 2,000 Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.         Between Contact & Coil: 2,500Vrms 1Min.       Between Contact & Coil: 2,500Vrms 1Min.		Power consumption	AC: approx. 9.6VA, DC: approx. 2.8W		
Max. Dropout voltage   DC Coil: 10% of rated voltage		Minimum operating voltage	80% of the rated coil voltage		
AC Coil: 30% of rated voltage		May Dyanaya unita na	DC Coil: 10% of rated voltage		
		iviax. Dropout voitage	AC Coil: 30% of rated voltage		
		Operating Time	30ms		
Dielectric Strength   Between Contact(2a): 2,000 Vrms 1Min.		Dropout time	30ms		
Dielectric Strength   Between Contact & Coil: 2,500Vrms 1Min.		Insulation resistance	100MΩ at 500V DC		
Between Contact & Coil: 2,500Vrms 1Min.		Dielectric Strength	Between Contact(2a): 2,000 Vrms 1Min.		
Info. Mechnical life 5,000,000 operations  Electrical life 100,000 operations					
Electrical life 100,000 operations		Mechnical life	5,000,000 operations		
		Electrical life	, ·		
Vibration resistant 10~55Hz at double amplitude of 1.5mm		Vibration resistant	10~55Hz at double amplitude of 1.5mm		
Ambient temperature $-55 \sim +80^{\circ}\text{C}(-67^{\circ}\text{F} \sim 176^{\circ}\text{F})$ at non freezing		Ambient temperature	$-55 \sim +80$ °C( $-67$ °F $\sim 176$ °F) at non freezing		
Ambient humiditidy 5% ~ 80% RH		Ambient humiditidy	5% ~ 80% RH		
Relay Weight 250g (8.8oz) 200g (7oz) 300g (10.6oz)		Relay Weight	250g (8.8oz)	200g (7oz)	300g (10.6oz)

HR723-2C









HR723-1C

