

FEATURES

- 16A switching capacity
- 5KV dielectric between coil to contacts
- 10KV surge voltage between coil to contacts
- 8 mm creepage distance

TYPICAL APPLICATIONS

- Air conditioners
- · Heaters and refrigeration control
- Microwave oven

CONTACT RATING

Form	1 Form A (H)	
Resistive	16A, 250VAC/30VDC	

UL/CSA RATING

Form	1 Form A (H)
Resistive	16A, 250VAC/30VDC

CONTACT DATA

Material	aterial AgSnO			
Initial Contact Resistance		50 mΩ max. at 1A, 6VDC		
Max. Switching Current		16A		
Max. Switching Vo	oltage	277VAC/30VDC		
Max. Switching Po	ower	4000VA/480W		
Service Life	Mechanical	1 x 10 ⁶ ops.		
Service Life	Electrical	10 ⁵ ops.		

COIL DATA

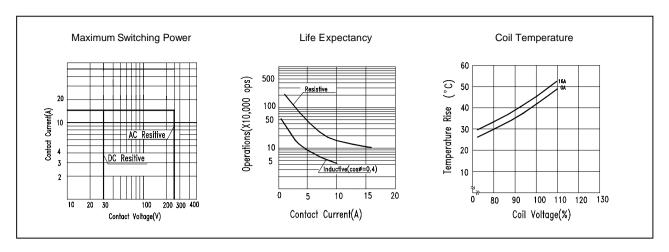
Coil Voltage	Nominal Resistance $(\Omega) \pm 10\%$		Must Operate Voltage max.	Must Release Voltage min.	Max. Allowable Voltage	
Code (VDC)		Power Consumption		(VDC)	(VDC)	(VDC)
005	5	7		4.0	0.5	6.5
006	6	68		4.8	0.6	7.8
009	9	155		7.2	0.9	11.7
012	12	270	0.54W	9.6	1.2	15.6
018	18	620		14.4	1.8	23.4
024	24	1100		19.2	2.4	31.2
048	48	4400		38.4	4.8	62.4

CHARACTERISTICS

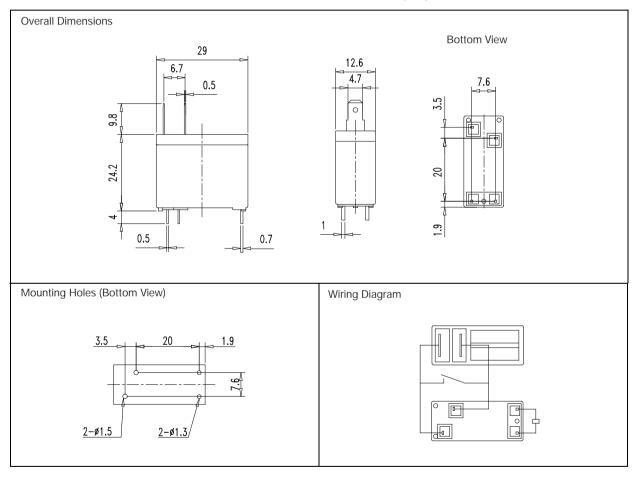
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Operate Time	20 ms. max.
Release Time	10 ms. max.
Insulation Resistance	1000 MΩ, at 500 VDC, 50%RH
Dielectric Strength	5000 Vrms, 1 min. between coil and contacts 1000 Vrms, 1 min. between open contacts
Surge Voltage	10,000 V, between coil and contacts
Shock Resistance	20 g, 11ms. functional; 100g, destructive
Vibration Resistance	DA 1.5mm, 10 - 55 Hz
Ambient Temperature	-40°C to 70°C, Class B; -40°C to 85°C, Class F
Weight	13g, approx.

ORDERING DESIGNATION

	Example:	HG4515 /	012 -	Н	1	S
Model						
Coil Voltage Code			-			
Contact Form H: 1 Form A				•		
Version 1: Sealed					•	
Contact Material S: AgSnO						•
Thermal Class Nil: UL Class B: F: UL Cl	ass F					



OVERALL DIMENSIONS, MOUNTING HOLES AND WIRING DIAGRAM (mm)



NOTES

- 1. All parameters, unless otherwise specified, are measured at ambient temperature 23°C.
- 2. Custom-made services available with operational quantity. Please let us know your special requirements.
- 3. Specifications subject to change without prior notice.