

Subminiature Power Relay

HG4526



FEATURES

- 5A switching capacity
- 2 Form A slim type
- Sealed and Dust Cover version available
- UL and CUR approved

CONTACT RATING

Form	2 Form A (2H)
Rated Load	5A, 250VAC/30VDC
Max. Switching Voltage	250VAC
Max. Switching Current	5A
Max. Switching Capacity	1,250VA/150W

UL / CSA RATING

Form	2 Form A (2H)
Resistive Rating	5A, 250VAC 5A, 30VDC
TV	5A, 125VAC

CONTACT DATA

Material	AgCdO	
Initial Contact Resistance	100m Ω , Max. at 1A, 6VDC	
Service Life	Mechanical	10 ⁶ ops.
	Electrical	10 ⁵ ops.

COIL DATA

Coil Voltage Code	Nominal Voltage (VDC)	Resistance (Ω) $\pm 10\%$	Must Operate Voltage max. (VDC)	Allowable Operate Voltage max. (VDC)	Must Release Voltage min. (VDC)
005	5	47	3.75	6.5	0.25
006	6	68	4.50	7.8	0.30
009	9	155	6.75	11.7	0.45
012	12	270	9.00	15.6	0.60
018	18	620	13.50	23.4	0.90
024	24	1,080	18.00	31.2	1.20
048	48	4,400	36.00	62.4	2.4

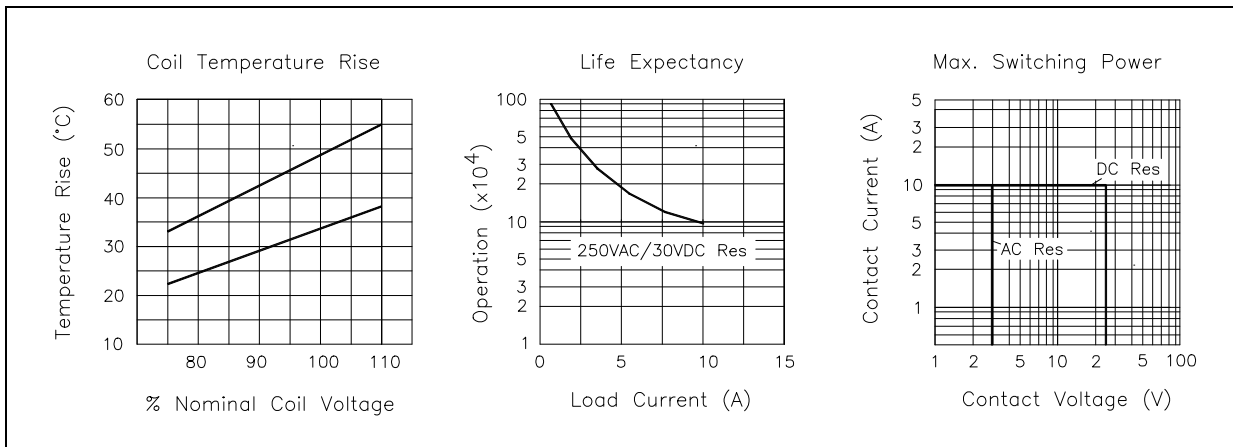
CHARACTERISTICS

Operate Time	15ms.
Release Time	10ms.
Insulation Resistance	1,000M Ω , at 500VDC, 50%RH
Dielectric Strength	Between coil and contacts: 4,000VAC, 1 Min. Between open contacts: 1,000VAC, 1 Min. Between contacts sets: 1,000VAC, 1 Min.
Surge Resistance	10,000VAC
Shock Resistance	Functional: 200ms.; Destructive: 1000ms.
Vibration Resistance	Amplitude of 1.5mm, 10 – 55 Hz
Power Consumption	0.53W, approx.
Ambient Temperature	-40°C to 70°C
Weight	13g approx.

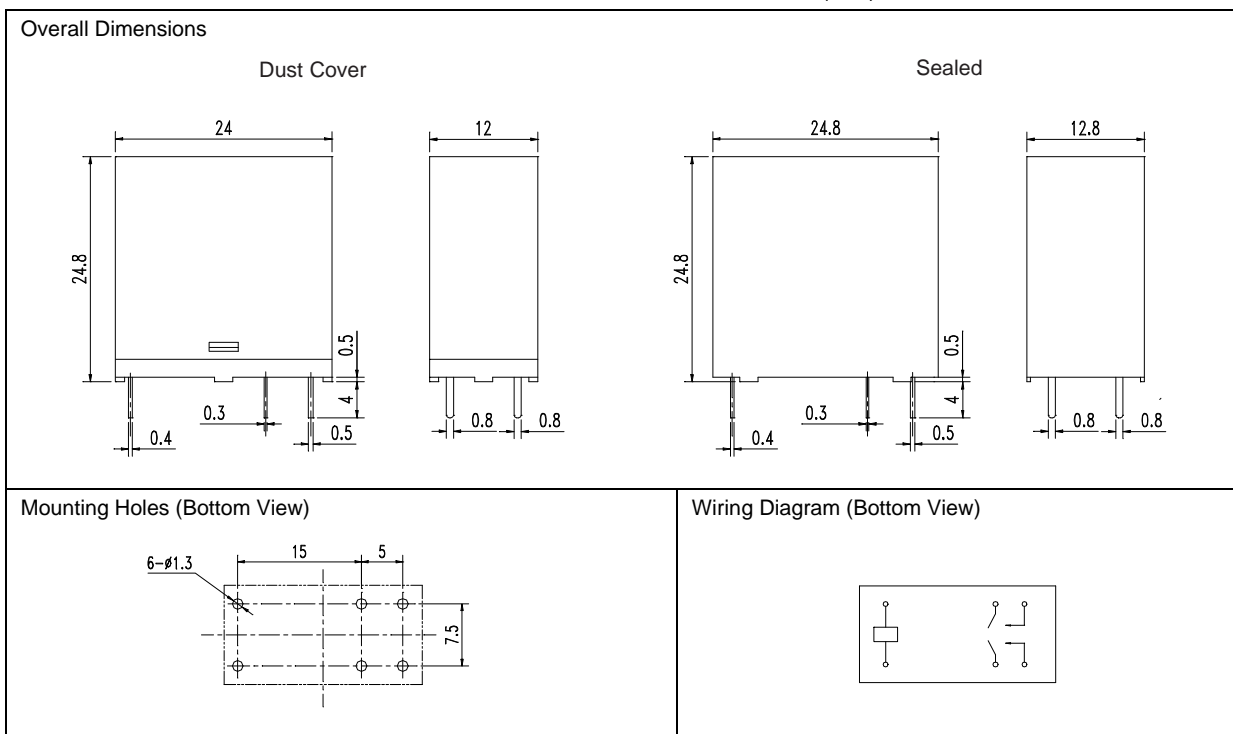
ORDERING DESIGNATION

Example:	HG4526 /	012 -	2H	1	C
Model					
Coil Voltage Code					
Contact Form					
2H: 2 Form A					
Version					
1: Sealed; 2: Dust Cover					
Contact Material					
C: AgCdO; S: AgSnInO					

REFERENCE CURVES



OVERALL DIMENSIONS, MOUNTING HOLES AND WIRING DIAGRAMS (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.

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