

FEATURES

- 1 Form A or 1 Form C
- Standard and heavy duty
- Standard and high sensitive

CONTACT RATING

Form	1 Form A (H)	1 Form C (Z)	
		Standard	Heavy Duty
Resistive Load	5A 250VAC/30VDC	NO: 5A 250VAC/30VDC NC: 3A 250VAC/30VDC	NO: 5A 250VAC/30VDC NC: 5A 250VAC/30VDC
Max. Switching Current	5A		
Max. Switching Voltage	250VAC/30VDC		
Max. Switching Power	1250VA	NO: 1250VA NC: 750VA	1250VA

CONTACT DATA

Material	AgCdO	
Initial Contact Resistance	100 mΩ max. at 1A, 6VDC	
Service Life	Mechanical	10 ⁷ ops.
	Electrical	10 ⁵ ops.

UL/CSA RATING

Form	1 Form A (H), 1 Form C (Z)
Resistive	5A 250VAC/30VDC

COIL DATA

Coil Voltage Code	Nominal Voltage (VDC)	Standard 0.36W		Sensitive 0.25W		Must Release Voltage min. (VDC)
		Resistance (Ω) ±10%	Must Operate Voltage max. (VDC)	Resistance (Ω) ±10%	Must Operate Voltage max. (VDC)	
003	3	25	2.1	36	2.2	0.15
005	5	69	3.5	100	3.6	0.25
006	6	100	4.2	145	4.3	0.3
009	9	225	6.3	325	6.5	0.45
012	12	400	8.4	575	8.6	0.6
018	18	900	12.6	1300	13.0	0.9
024	24	1600	16.8	2310	17.3	1.2
048	48	6400	33.6	9220	34.6	2.4

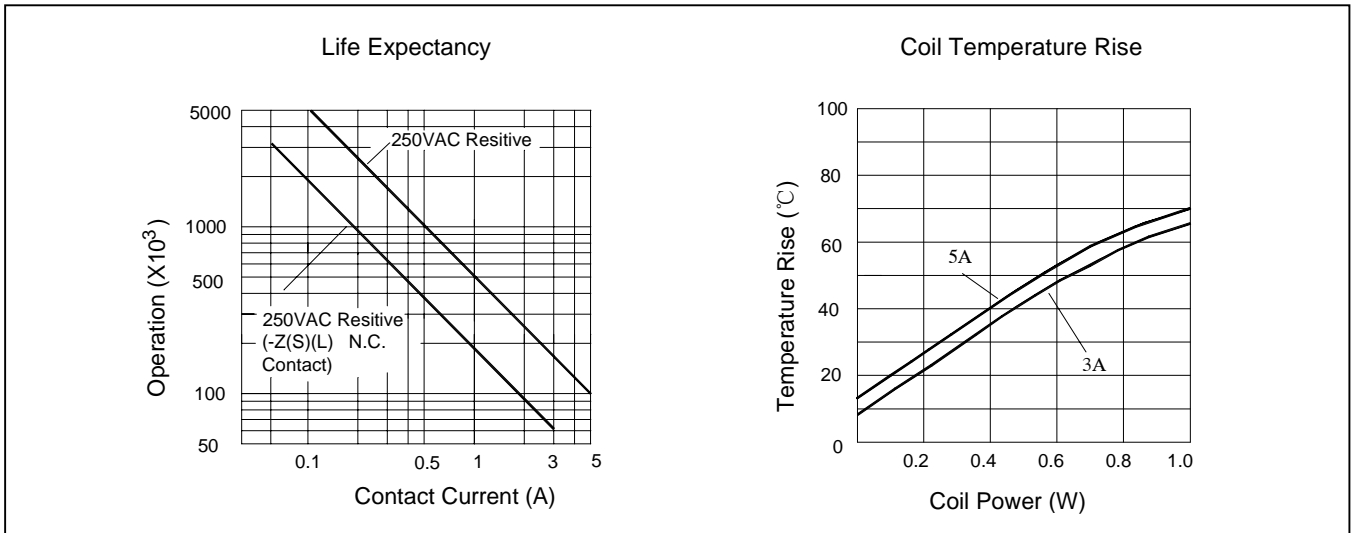
CHARACTERISTICS

Operate Time	10 ms. max.
Release Time	5 ms. max.
Insulation Resistance	1000 MΩ, at 500 VDC, 50%RH
Dielectric Strength	2000 Vrms, 1 min. between coil and contacts 1000 Vrms, 1 min. between open contacts
Shock Resistance	10 g, 11ms. functional; 50 g, destructive
Vibration Resistance	DA 1.5mm, 10 - 55 Hz, functional
Ambient Temperature	-40°C to 85°C
Weight	8 g, approx.

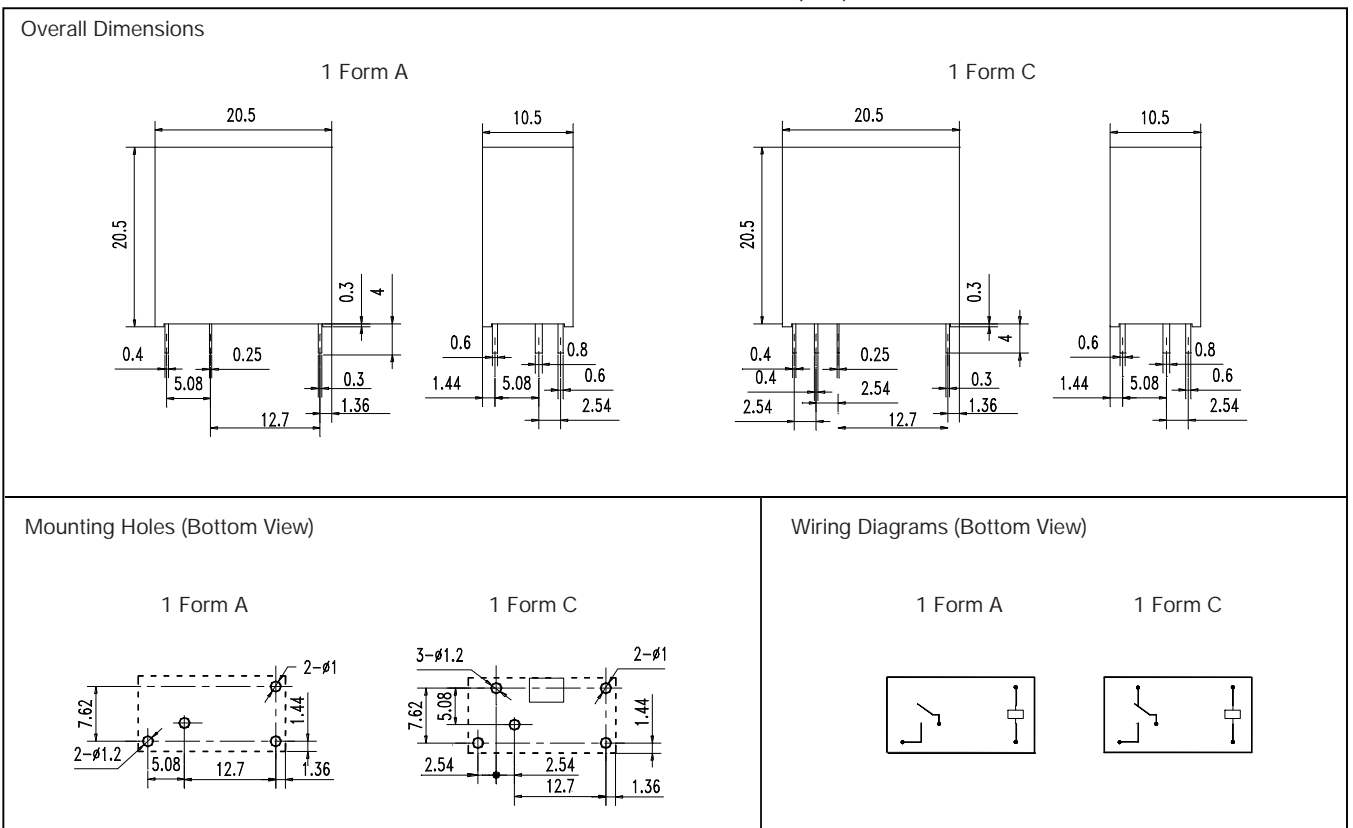
ORDERING DESIGNATION

Example:	HG4517 /	012 -	H	1	C	L	H
Model							
Coil Voltage Code							
Contact Form							
H: 1 Form A; Z: 1 Form C							
Version							
1: Sealed; 2: Dust Cover							
Contact Material							
C: AgCdO							
Coil Sensitivity							
Nil: Standard 0.36W; L: Sensitive 0.25W							
Duty Version							
Nil: 3A; H: 5A							

REFERENCE CURVES



OVERALL DIMENSIONS, MOUNTING HOLES AND WIRING DIAGRAMS (mm)



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