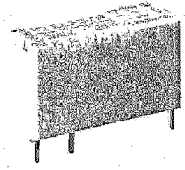


MAIN FEATURES

- 8A contact capacity
- 1 Form A to 1 Form C contact forms available
- 5KV dielectric strength between coil and contacts
- 8mm creepage distance between coil and contacts
- Low profile and slim design, 15.5mm in height and 10mm in width
- UL, CSA and VDE approved



TYPICAL APPLICATIONS

- Home appliances
- Office machine
- Vending machine
- Air conditioner and refrigerator

COIL DATA

Coil Voltage Code	Nominal Voltage VDC	Resistance (Ω) ±10%	Power Consumption	Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)
005	5	110	0.4W	3.5	0.25
006	6	175		4.2	0.3
012	12	740		8.4	0.6
024	24	2,850*		16.8	1.2
048	48	10,000*		33.6	2.4

CONTACT RATING

Form	1 Form A (1H) / 1 Form B (1D) / 1 Form C (1Z)
Rated Load	8A
Max. Switching Voltage	250VAC/440VAC
Max. Switching Current	30A, 20 ms
Max. Switching Power	2,000VA @ 8A, 250VAC 1,600VA @ 4A, 440VAC

CONTACT DATA

Material	AgCdO	
Initial Contact Resistance	50mΩ, Max. at 1A, 6VDC	
Service Life	Mechanical	10 ⁷ ops.
	Electrical	2 x 10 ⁵ ops. @ 6 ops/min.

CHARACTERISTICS

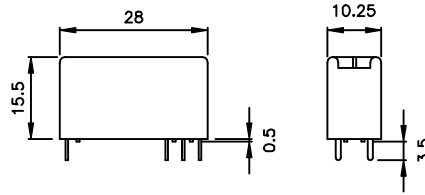
Operate Time	7ms.
Release Time	1.5ms.
Insulation Resistance	1,000MΩ, at 500VDC, 50%RH
Dielectric Strength	Between coil and contacts: 5,000Vrms, 1 Min. Between open contacts: 1,000Vrms, 1 Min.
Shock Resistance	Functional: 10g, 11ms.; Destructive: 100g
Vibration Resistance	50g, 10 – 55 Hz
Power Consumption	0.4W
Ambient Temperature	-40°C to 85°C
Weight	10g approx.

ORDERING DESIGNATION

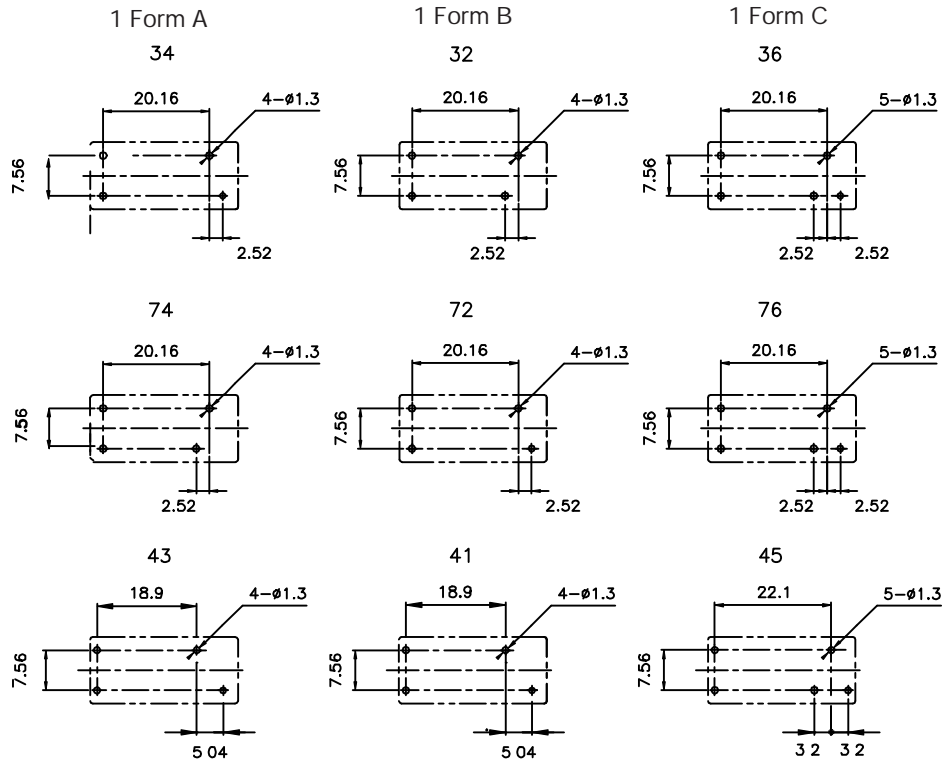
Example:	HG4536 /	012 -	1Z	1	S	34
Model						
Coil Voltage Code						
Contact Form						
1H: 1 Form A; 1D: 1 Form B; 1Z: 1 Form C						
Version						
1: Sealed 2: Dust Cover						
Contact Material						
Nil: AgNi10; A: AgNi0.15; C: AgCdO; S: AgSnOInO						
Footprint & Wiring Code						
Please refer to Mounting Holes & Wiring Diagrams for Coding						

OVERALL DIMENSIONS, MOUNTING HOLES AND WIRING DIAGRAMS (mm)

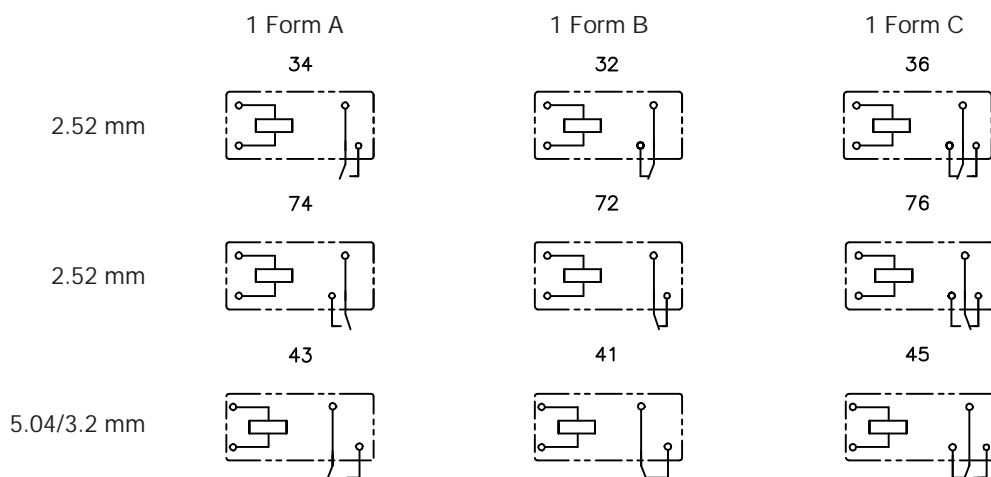
OVERALL DIMENSIONS



MOUNTING HOLES (Bottom View)



WIRING DIAGRAMS (Bottom View)



- Note: 1. All parameters, unless otherwise specified, are measured at ambient temperature 23°C.
 2. Coil resistance with the * mark is $\pm 15\%$.
 3. Custom-made services are available with operational quantities. Please let us know your special requirements.
 4. Specifications subject to change without prior notice.

T Y H Enterprise Limited
 Room 1620B, Nan Fung Centre
 264-298 Castle Peak Road
 Tsuen Wan, N.T.
 Hong Kong
 Tel: 852-2416-0132
 Fax: 852-2413-6229
<http://www.tyhk.com>
 email: info@tyhkhk.com

Plant: Shanghai Hi-Gradex Relay Mfg. Co., Ltd.
 918 Shixin Road
 Airport Town
 Pudong New Area
 Shanghai 201202
 China
 Tel: 86-21-6299-5619 / -5877
 Fax: 86-21-6299-5619
 email: tyhesh@online.sh.cn