



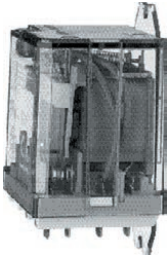
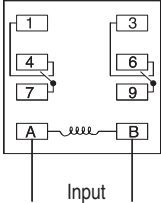
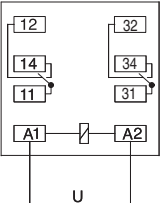
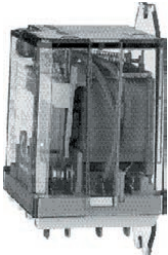
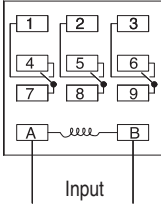
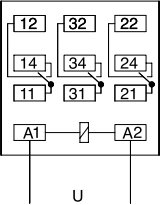
Bulletin 700-HD — Flange Mount Square Base Relay

- Flange-mounted/panel-mounted
- 15 A contact rating
- DPDT, 3PDT
- Blade-style quick connect terminals (0.187 x 0.020)
- Solder terminals (no socket required)

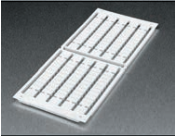
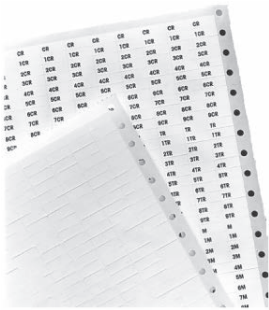
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Product Selection

Description	Contact Rating	Wiring Diagrams		Coil Voltage	Cat. No.
		U.S./Canada	International		
 <p>DPDT 2-Pole 2 Form C AgCdO Contacts</p>	15 A	 <p>Input</p>	 <p>U</p>	6V AC	700-HD32A06
				12V AC	700-HD32A12
				24V AC	700-HD32A24
				120V AC	700-HD32A1
				208V AC	700-HD32A20
				240V AC	700-HD32A2
				6V DC	700-HD32Z06
				12V DC	700-HD32Z12
				24V DC	700-HD32Z24
				48V DC	700-HD32Z48
		110V DC	700-HD32Z1		
 <p>3PDT 3-Pole 3 Form C AgCdO Contacts</p>	15 A	 <p>Input</p>	 <p>U</p>	6V AC	700-HD33A06
				12V AC	700-HD33A12
				24V AC	700-HD33A24
				120V AC	700-HD33A1
				208V AC	700-HD33A20
				240V AC	700-HD33A2
				6V DC	700-HD33Z06
				12V DC	700-HD33Z12
				24V DC	700-HD33Z24
				48V DC	700-HD33Z48
		110V DC	700-HD33Z1		

Accessories

Description	Pkg. Quantity	Cat. No.
 <p>Relay Identification Snap-in Markers* Snap-in markers fit on top of product covers. The following are blank cards. Squares slip into molded slot on top of product covers.</p>	100	* 1492-MS5X12 * 1492-MS6X9 * 1492-MS6X12 * 1492-MS8X9 * 1492-MS8X12 * 1492-MP-Blank
 <p>Pre-Printed Identification Tags — contains 10 sheets of pre-printed and blank tags. Each sheet contains 13 sets of the markings CR...9CR, TR...9TR, M...9M, F, R, 1S, and 117 blank tags. Tags are peel-off with sticky backing for easy placement on relays.</p>	10	700-N40
<p>Blank Identification Tags — contains 10 sheets of blank identification tags for customer specialized printing. Each sheet contains 546 blank tags. Tags are peel-off with sticky backing for easy placement on relays.</p>	10	700-N41

* Performance Data – See this catalog, Important- 3

* For pre-printed marker cards, turn to the following 1492 sections of publication A115: 1492-MS5X12_, 1492-MS6X9_, 1492-MS8X9_, 1492-MS8X12_, 1492-MP_.

Specifications

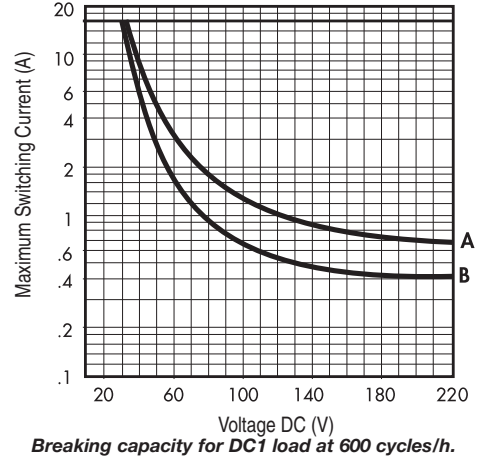
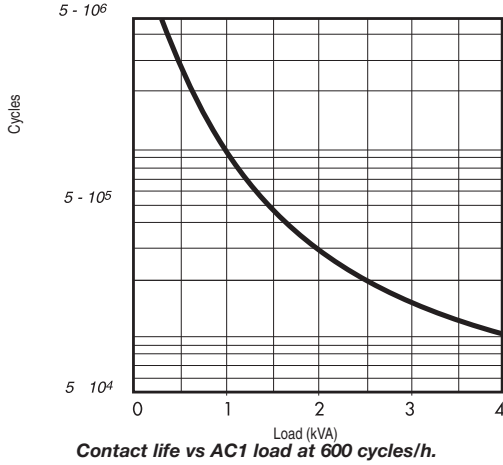
Cat. No. 700-HD...						
Electrical Ratings						
Pilot Duty Rating*	NEMA B300					
Rated Thermal Current (I_{th})	15 A‡ – 120V 15 A‡ – 240V					
Rated Insulation Voltage (U _i)	250V IEC-300V UL/CSA					
Contacts	Inductive	Make ▶][◀		Break ◀][▶		Hp
		2-Pole	3-Pole	2-Pole	3-Pole	
	120V AC	60 A	30 A	6 A	3 A	3/4
	240V AC	30 A	15 A	3 A	1.5 A	2
	General Purpose	15 A, 240V AC				
Resistive	15 A, 30V DC					
Min. Low Energy Permissible Load	1000 mW (10V, 10 mA)					
Permissible Coil Voltage Variation	80...110% of Nominal Voltage at 50 Hz 80...110% of Nominal Voltage at 60 Hz 80...110% of Nominal Voltage at DC					
Coil Consumption ±10%	AC Coils	50 Hz		60 Hz		
	Inrush	3.3 VA		2.85 VA		
	Sealed	2.2 VA		1.9 VA		
	DC Coils	1.3 W				
Maximum Contact Resistance	50 mΩ					
Must Dropout Voltage	20% of Nominal V AC 10% of Nominal V DC					
Design Specification/Test Requirements						
Electrical						
Dielectric Withstand Voltage						
Pole-to-Pole	1500V					
Contact to Coil	6000V					
Contact to Frame	4000V					
Mechanical						
Degree of Protection (Open Type) IEC 529	IP 40					
Mechanical Life Cycles (AC/DC)	> 10 x 10 ⁶ / 30 x 10 ⁶					
Switching Frequency Operations	3600/HR					
Coil Voltages	See Overview/Product Selection					
Operating Time	Pickup	20 ms				
	Dropout	4 ms				
Maximum Operating Rate	4 Ops/s					
Minimum Low Energy Permissible Load	1000 mN (10V, 10mA)					
Environmental						
Temperature	Operating	-40...+70 °C				
	Storage	-40...+100 °C				
Altitude	2000 m (6560 ft)					
Construction						
Insulating Material	Molded High Dielectric Material					
Enclosure	Transparent Dust Cover					
Contact Material	Silver Cad. Ox.					
Terminal Markings	In accordance with EN50 0005					
Certifications	cURs Recognized (File No. E3125, Guide NLDX2/NLDX8), CSA Certified (File No. 229473), GE Marked, UR Certified					
Standards	UL 508, CSA C22.2 No. 14, EN 61810-1, EN 60255-23					

* Performance Data – See this catalog, Important- 3
 * NEMA Rating Chart is on page 19 of publication 700-SG003*
 ‡ 3-pole relays have a 20 A maximum total current rating for all three poles.

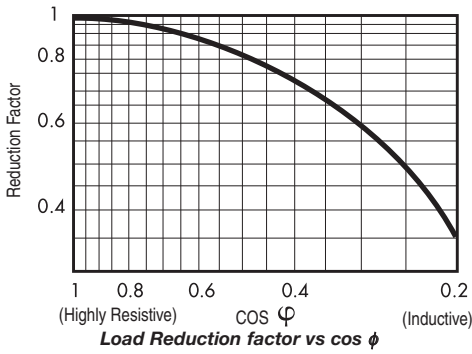
Note: Bulletin 700-HD wiring terminals are the quick connect/solder type 4.7 x 0.5 mm (0.187 x 0.020 in.) termination.



Bulletin 700-HD
General Purpose Relays
 Specifications/Approximate Dimensions

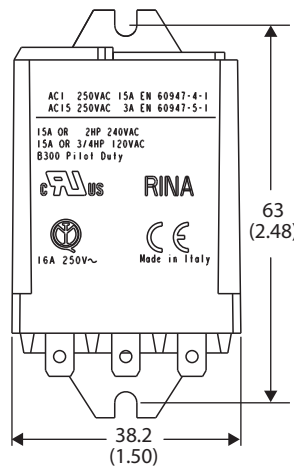
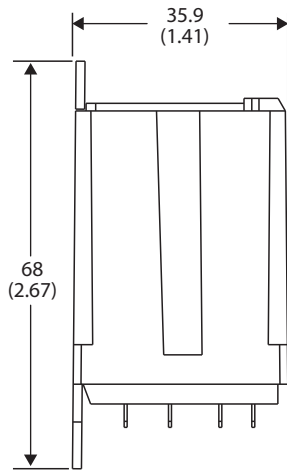


Load applied to 1 contact.
 A = for N.O. types
 B = other types



Approximate Dimensions

Approximate Dimensions are shown in millimeters (inches). Approximate Dimensions are not intended to be used for manufacturing purposes.



Bulletin 700-HD Relay