

Specifications

		Cat. No. 700-HT...	Cat. No. 700-HTF...	
Electrical Ratings				
Pilot Duty Rating†		NEMA B300		
Rated Thermal Current (I_{th})		10 A		
Rated Insulation Voltage (U _i)		250V IEC, 300V UL/CSA		
Contacts	Inductive	Make	Break	HP
		▶] [◀	◀] [▶	
	120V AC	30 A	3 A	1/3
	240V AC	15 A	1.5 A	1/2
	Resistive 28V DC	10 A	10 A	—
Permissible Coil Voltage Variation		85...110% of Nominal Voltage at 50 Hz 85...110% of Nominal Voltage at 60 Hz 80...110% of Nominal Voltage at DC		
Power Consumption ±10%	AC	24V AC	2 VA	
		120V AC	4 VA	
		240V AC	4 VA	
	DC	1.3 W		
Design Specification/Test Requirements				
Dielectric Withstand Voltage	Pole-to-Pole, same circuit (VRMS)		1000V AC	
	Pole-to-Pole, different circuits (VRMS)		2000V AC	
	Contact-to-Coil (VRMS)		2000V AC	
Electrical Life Operations		100,000 minimum		
Switching Frequency Operations		1800/hr		
Coil Voltages		See product selection		
Mechanical				
Degree of Protection		Open Type (Guarded Terminal Sockets)		
Mechanical Life Operations		10 x 10 ⁵		
Switching Frequency Operations		18,000/hr		
Timing	Duty Cycle	Continuous		
Repeat Accuracy (constant voltage and temperature)		±2% (Time Delay: 0.1...2 s)		
Repeat Accuracy (variable voltage and temperature)		±1% (Time Delay: >2 s)		
Fixed Time Setting Accuracy		—		±5% (Time Delay: 0.1...2 s) ±1% (Time Delay: >2 s)
Scale Tolerance	High End of Range	+5%		—
	Low End of Range	-50%		—
Reset Time	ON Delay	100 ms		
	OFF Delay	40 ms		
Environmental				
Temperature	Operating	-28...+65 °C (50 °C max., 240V AC coil) (-18...+149 °F) (122 °F max., 240V AC coil)		
	Storage	-55...+85 °C (-67...+185 °F)		
Altitude		2000 m (6560 ft)		
Construction				
Insulating Material		Molded High Dielectric Material		
Enclosure		Impact Resistant Dust Cover		
Contact Material		Silver Cadmium Oxide		
Terminal Markings on Socket		In accordance with EN50 005		
Sockets		8- or 11-Pin Socket (On = 8, Off = 11) 700-HN100, -HN125 700-HN101, -HN126		
Certifications		CSA Certified, File LR1234, UL Recognized, File E3125 Guide NLDX 2, UL Listed, Ind. Cont. Eq. A191 with 700-HN100, 700-HN101, 700-HN125, and 700-HN126 Sockets, CE-Marked (per EU Low Voltage Directive 93/68 EEC)		
Standards		EN 61812, EN 60947-5-1, CSA 22.2, UL 508		

* Performance Data — See Important 2, publication A115.

† NEMA Rating Chart is on page 19 of publication 700-SG003B-EN-P.