

FEATURES

Miniature High Power designed for quick connect terminal P.C Board and Panel Mount


High contact rating(10-40A), high shock/vibration resistance

High temperature design, "F" Class +155°C, is available.

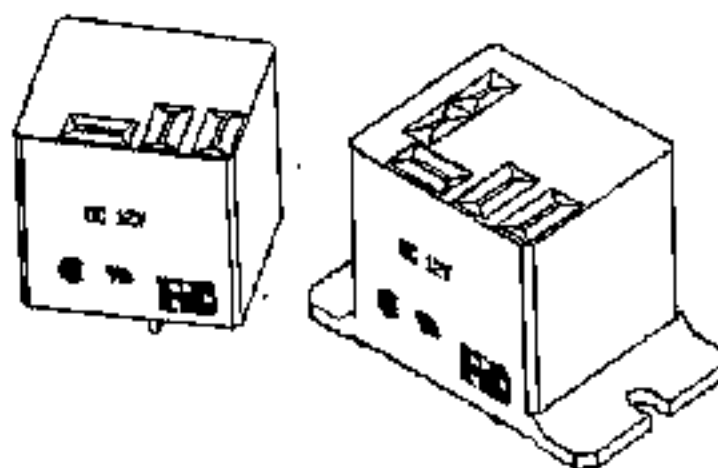
High reliability and long life

Ideal for use in control car, air conditioner, home appliances, etc.

Dust cover or sealed type

 Recognized

 Recognized



SPECIFICATIONS

COIL RATING

RATED VOLTAGE (V DC)	COIL RESISTANCE Ω +/- 10 %	RATE CURRENT (mA)	MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION (W)
			% OF RATED VOLTAGE (At +20 °C)			
5	28	178.5	75 Max.	10 Min.	120 Max.	0.9 Approx.
6	40	150				
9	90	100				
12	160	75				
18	360	50				
24	640	37.5				
48	2560	19				
110	13445	8				

CHARACTERISTICS

Contact Arrangement	SPST (1 Form A or 1 Form B); SPDT (1 Form C)
Contact Material	Silver Alloy
Contact Resistance	50m Ω Max
Contact Rating (Resistive Load)	(see Figure 1)
Switching Voltage	DC 125V Max. AC 250V MAX.
Operate Time	Typical 10ms Max.
Release Time	Typical 8ms Max.
Insulation Resistance	1000M Ω Min. (500V DC)
Dielectric Strength	1500V AC 50Hz,1 minute between open contacts 2500V AC 50Hz,1 minute between coil and contact
Shock Resistance	20g Approx.
Vibration Resistance	1.5mm, Double amplitude 10-55Hz
Ambient Temperature	Storage : -55°C to +130°C Operating : -55°C to +85°C
Humidity	20 - 85% RH
Operation Life	Mechanical : 10 ⁷ Electrical : 10 ⁵ (At rated load)
Weight	32g Approx. (A1T Sealed Type) 35g Approx. (A1TP Sealed Type)

[Specifications are subject to change without notices.]

FIGURE 1

A1T UL/CSA RATING TYPE

	Form A	Form B	Form C	
	50/60 Hz	50/60Hz	50/60 Hz	
	NO	NC	NO	NC
Resistive	10A,240V AC	5A 240V AC	10A 240V AC	5A 240V AC
Tungsten	5A,240V AC	3A 240V AC	5A 240V AC	3A 240V AC
hp	1hp,125VAC/ 2hp,240VAC	Nil	1/2hp,125VAC. 1hp,240VAC	

Coil Rating: 5-120V DC

A1TH UL/CSA RATING TYPE

	Form A	Form B	Form C		Cycles
	50/60 Hz	50/60Hz	50/60 Hz		
	NO	NC	NO	NC	
Resistive	30A,14VDC/240VAC	30A 14VDC/10A 240VAC	30A 14VDC/240VAC	30A 14VDC/10A 240VAC	100K
hp	1hp/16 FLA/120V 2hp/12 FLA/240V	30 LRA/10 FLA/120V 30 LRA/10 FLA/240V	1hp/16 FLA/120V 2hp/12 FLA/240V	30 LRA/10 FLA/120V 30 LRA/10 FLA/240V	30K 30K

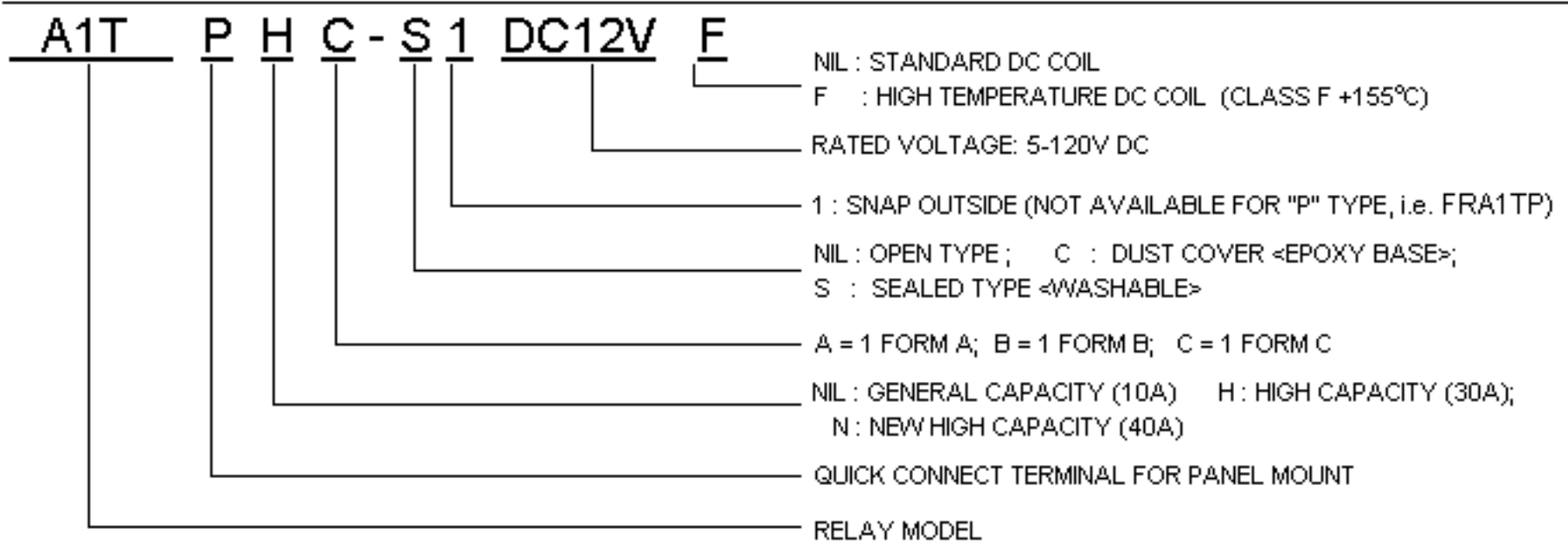
Coil Ratings: 5-120V DC

A1TN UL/cUL (Pending) RATING TYPE

	Form A	Form B	Form C		Cycles
	50/60 Hz	50/60 Hz	50/60		
	NO	NC	NO	NC	
Resistive	40A 30VDC/240VAC	30A 30VDC/240VAC	40A 30VDC/240VAC	30A 30VDC/240VAC	100K

Coil Rating : 5 - 120V DC

ORDERING INFORMATION



DIMENSIONS (UNIT: mm)

