

# REH SERIES

**ORDERING INFORMATION**

REH - □ - □ - □ - □


Additional code or Blank

S : Sealed Plastic  
Nil : Vented Plastic

A : 1 Form A (SPST-NO)    3:DC 3V  
B : 1 Form B (SPST-NC)    5:DC 5V  
C : 1 Form C (SPDT)        6:DC 6V  
    9:DC 9V  
    12:DC 12V  
   15:DC 15V  
   18:DC 18V  
   24:DC 24V  
   48:DC 48V

COIL VOLTAGE

TYPE



**FEATURES:**

- High performance PCB power relay for motor control, compressor control.
- Surge strength 2,500 VAC.
- Special design for household appliances flux free and sealed type available.
- High ratings: 20A/250VAC, 18A/277VAC .
- Insulation system: Class F .
- Environmental friendly product (RoHS complaint).

### COIL RATING (at 20°C)

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE (Ω)(±10%)	POWER CONSUMPTION(W)	NOMINAL CURRENT (mA)(±10%)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
3V	25Ω	0.36W	120.00mA	75% MAX.	10% MIN.	130%
5V	70Ω		71.42mA			
6V	100Ω		60.00mA			
9V	225Ω		40.00mA			
12V	400Ω		30.00mA			
15V	625Ω		24.00mA			
18V	900Ω		20.00mA			
24V	1600Ω		15.00mA			
48V	6400Ω		7.50mA			

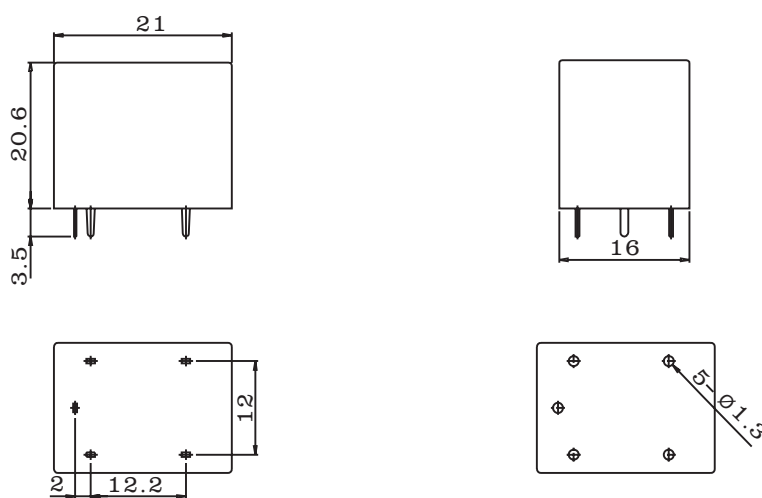
### PERFORMANCE (at initial value)

Item	Type	20A
Contact Resistance		100mΩ Max. (Initial value)
Operate Time		10msec Max.
Release Time		5msec Max.
Dielectric Strength between coil & contact between contact		AC2500V (1min) AC1000V (1min)
Insulation Resistance		100MΩ Min. (DC500V)
Operating Ambient Temperature		-40°C ~ +105°C (no freezing)
Humidity		35 to 85% RH
Vibration Resistance		10G (10~55Hz)(Dual amplitude : 1.5mm)
Shock Resistance		10G
Life Expectancy Mechanically Electrically		10,000,000 ops. Min. (1800 ops. / h) 100,000 ops. Min. (1200 ops. / h)
Weight		14.0g(approx.)

CONTACT RATING

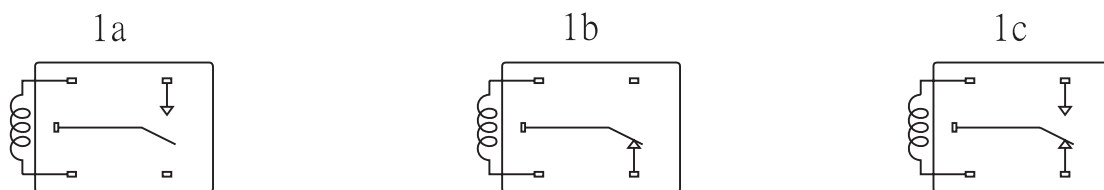
Item	Type	20A
Rated Carrying Current		AC250V 20A AC277V 18A
Max. Switching Current		20A
Max. Switching Voltage		AC 400V(NO)
Max. Switching Power		4700VA
Contact Material		Ag alloy

DIMENSIONS(Unit:mm)



PCB LAYOUT

WIRING DIAGRAMS(Bottom View)



PERFORMANCE CHART

