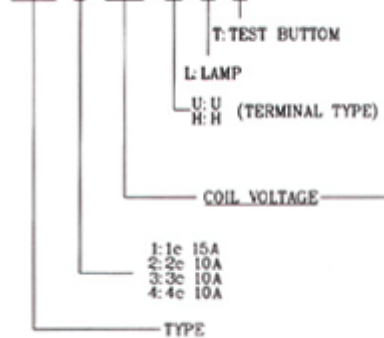


RHL SERIES

ORDER CODE

RHL-1-12D-U-L-T



Main Features:

- 1pole to 4pole version are available with switching current at 15amp (1 pole) and 10amps (2-4poles).
- AC and DC coil.
- Lamp type & Test Button are all available.
- High reliability / Long life expectancy.
- Socket and PCB terminal are available.

COIL RATING (at 20°C)

	Nominal Voltage (VDC)	COIL Resistance (Ω)(+/-10%)			Power Consumpt -10N(W)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
		1C, 2C	3C	4C				
DC	6V	42 Ω	25.7 Ω	25 Ω	1C, 2C: 0.9W	75% Max.	10% Min.	130%
	12V	160 Ω	107 Ω	100 Ω				
	24V	650 Ω	410 Ω	350 Ω	3C: 1.4W			
	48V	2560 Ω	1700 Ω	1600 Ω	4C: 1.5W			
	110V	13500 Ω	8500 Ω	6900 Ω				
	220V	54000 Ω	-	-				

	Nominal Voltage (VAC)	COIL Resistance (Ω)(+/-10%)			Power Consumpt -10N(VA)	Pull In Voltage (VAC)	Drop Out Voltage (VAC)	Max. Allowable Voltage (VAC)
		1C, 2C	3C	4C				
AC	6V	25 Ω	6.7 Ω	5 Ω	1C, 2C: 0.9VA	80% Max.	30% Min.	11%
	12V	42 Ω	24 Ω	20 Ω				
	24V	190 Ω	100 Ω	78 Ω	3C: 1.4VA			
	48V	650 Ω	410 Ω	350 Ω	4C: 1.5VA			
	110V	3600 Ω	2300 Ω	1800 Ω				
	220V	13500 Ω	8650 Ω	6700 Ω				
	240V	16500 Ω	8950 Ω	6900 Ω				

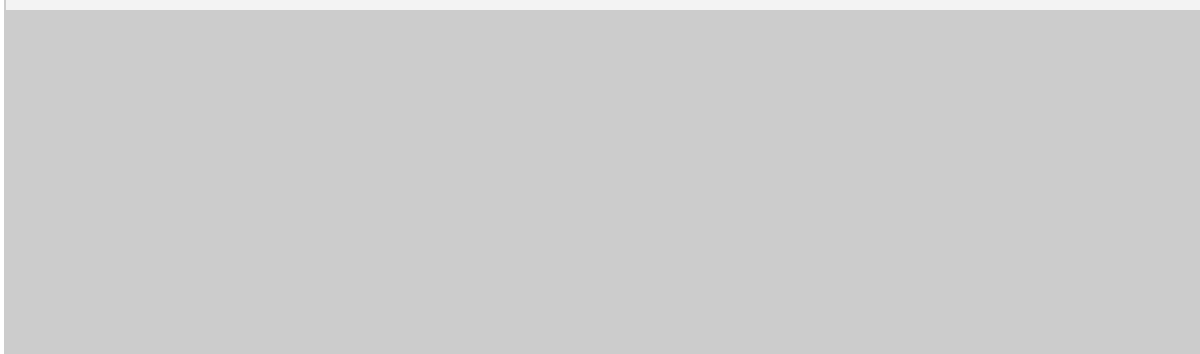
PERFORMANCE (at initial value)

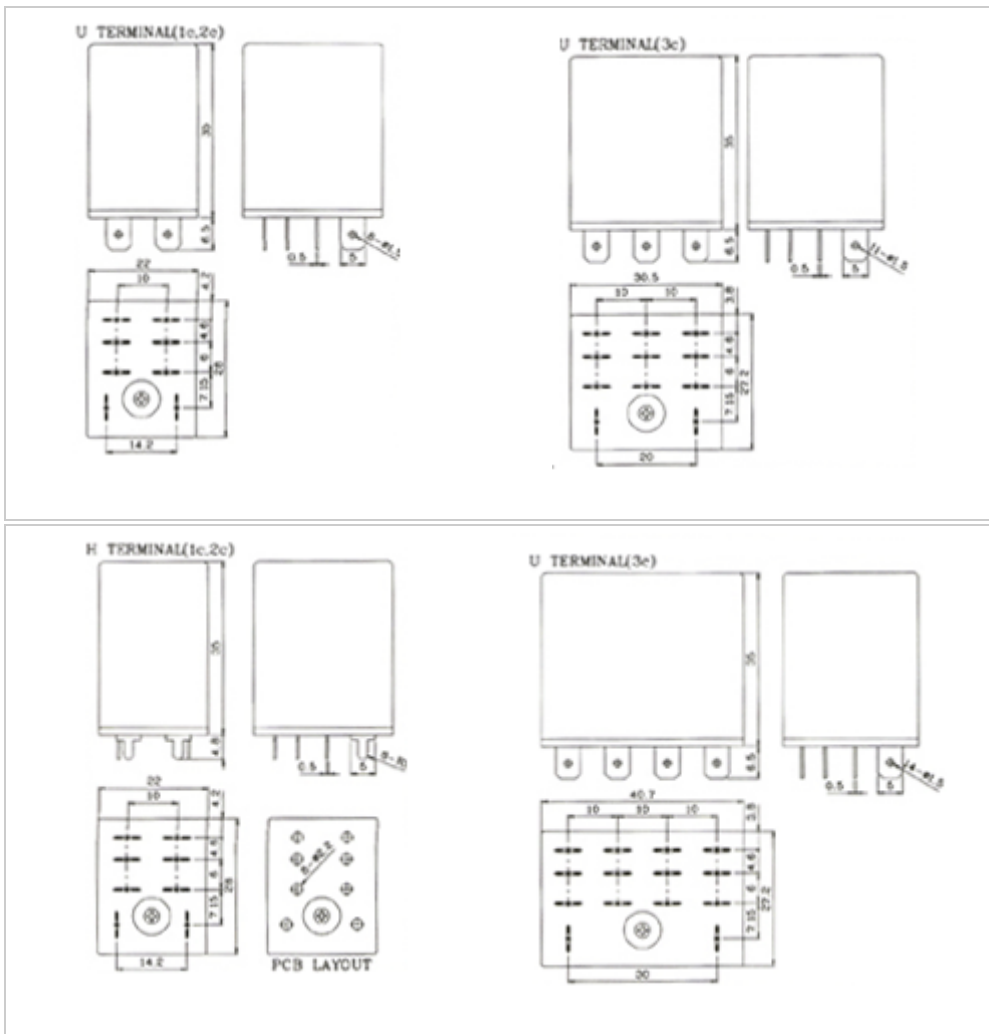
Item \ Type	1c 15A	2c 10A	3c 10A	4c 10A
Contact Resistance	50m Ω Max (initial)			
Operate Time	20m sec Max.			
Release Time	20m sec Max.			
Dielectric Strength between coil & contact between contact	Ac1000V (1min.) Ac700V (1min.)			
Insulation Resistance	100M Ω Min. (DC500V)			
Operating Ambient Temperature	-25°C ~ +55°C			
Humidity	35 to 85% RH			
Vibration Resistance	10G (10~50Hz) (Dual amplitude: 2mm)			
Shock Resistance	10G			
Life Expectancy Mechanically Electrically	5,000,000 ops . Min. (1800 ops./h) 500,000 ops. Min. (1200 ops./h)			
Weight	40g (about)			

CONTACT RATING

Item \ Type	1c 15A	2c 10A	3c 10A	4c 10A
Rated Carrying Current	AC 240V 15A DC 28V 15A	AC 240V 10A DC28V 10A		
Max. Allowable Current	17A	12A		
Max. Allowable Voltage	AC 250V DC125V	AC 250V DC125V		
Max Current (continual)	15A	10A		
Contact Material	Ag Alloy			

DIMENSIONS (Unit: mm)





WIRING DIAGRAMS (Bottom View)

