

RHL SERIES

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

T: TEST BUTTOM
 L: LAMP
 U: U (TERMINAL TYPE)
 H: H (TERMINAL TYPE)

COIL VOLTAGE

TYPE
 1: 1c 15A
 2: 2c 10A
 3: 3c 10A
 4: 4c 10A

6D: DC 6V
 12D: DC 12V
 24D: DC 24V
 48D: DC 48V
 110D: DC 110V
 220D: DC 220V
 6A: AC 6V
 12A: AC 12V
 24A: AC 24V
 48A: AC 48V
 100A: AC 100V
 110A: AC 110V
 200A: AC 200V
 220A: AC 220V
 240A: AC 240V

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 Buttom 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 -ION(W)	PULL IN VOLTAGE (VDC)	DROP OUT VOLTAGE (VDC)	MAX. ALLOWABLE VOLTAGE (VDC)
		1C,2C	3C	4C				
DC	6V	42Ω	25.7Ω	25Ω	1C,2C: 0.9W 3C:1.4W 4C:1.5W	75% MAX.	10% MIN.	130%
	12V	160Ω	107Ω	100Ω				
	24V	650Ω	410Ω	350Ω				
	48V	2560Ω	1700Ω	1800Ω				
	110V	13500Ω	8500Ω	6900Ω				
	220V	54000Ω	—	—				

	NOMINAL VOLTAGE (VAC)	COIL RESISTANCE (Ω) (±10%)			POWER CONSUMPT -ION(VA)	PULL IN VOLTAGE (VAC)	DROP OUT VOLTAGE (VAC)	MAX. ALLOWABLE VOLTAGE (VAC)
		1C,2C	3C	4C				
AC	6V	25Ω	6.7Ω	5Ω	1C,2C: 0.9VA 3C:1.4VA 4C:1.5VA	80% MAX.	30% MIN.	110%
	12V	42Ω	24Ω	20Ω				
	24V	190Ω	100Ω	78Ω				
	48V	650Ω	410Ω	350Ω				
	100V	3250Ω	2300Ω	1800Ω				
	110V	3600Ω	2300Ω	1800Ω				
	200V	13500Ω	8650Ω	6700Ω				
	220V	13500Ω	8650Ω	6700Ω				
	240V	16500Ω	8950Ω	6900Ω				

PERFORMANCE (at initial value)

Item	Type	1c 15A	2c 10A	3c 10A	4c 10A
Contact Resistance		50mΩ Max. (initial value)			
Operate Time		20msec Max.			
Release Time		20msec Max.			
Dielectric Strength between coil & contact between contact		AC1000V (1min) AC700V (1min)			
Insulation Resistance		100MΩ Min.(DC500V)			
Operating Ambient Temperature		-25°C ~ +55°C			
Humidity		35 to 85% RH			
Vibration Resistance		10G (10~55Hz)(Dual amplitude:1.5mm)			
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)			

