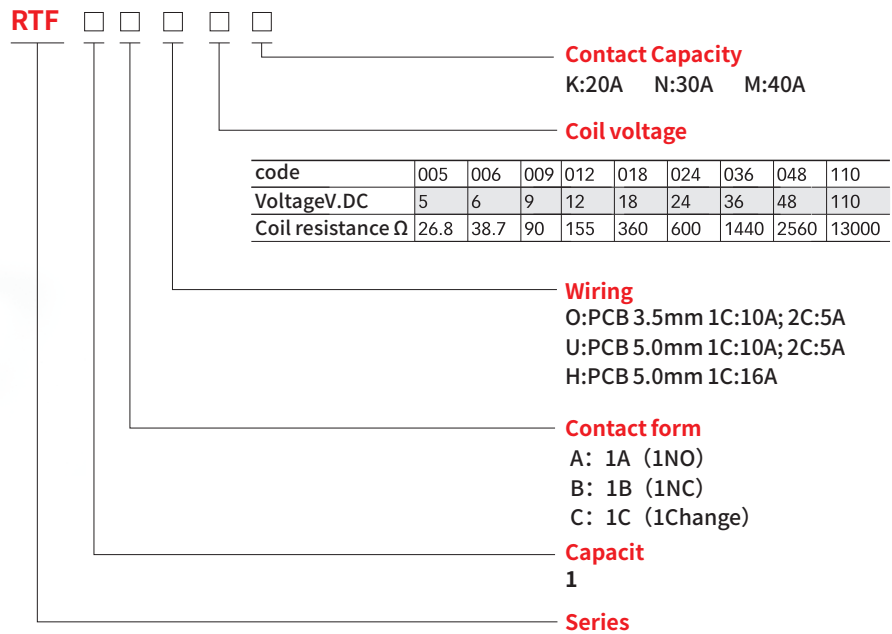


Relay



- ◆ High-power 30A general-purpose relay
- ◆ PCB board mounting
- ◆ High temperature resistant and flame retardant plastic material
- ◆ Ideal control element for power supply and home appliance applications

Characteristics

Configuration		1A,1B,1C	2A,2B,2C
Load	Resistance	10, 16A/250VAC, 30VDC	5A, 250VAC, 30VDC
	Motor load	1/3HP, 240VAC, 1/2HP, 240VAC(16A)	1/6HP, 240VAC
Contact	Max. switching capacity (resistive)	2500VA, 300W; 4000VA, 480W	1250VA, 150W; 2000VA, 240W
	Min. switching capacity	170mW(17V/10mA)	
	Initial contact resistance	≤50mΩ	
	Material	Ag alloy	
	Electrical durability	≥10 x 10 ⁴ times (1800 Ops/h)	
Mechanical durability		≥1000 x 10 ⁴ 次 (18000 Ops/h)	
Pick-up voltage (23°C) (Rated voltage)		DC:≤75% ,AC:80% 50/60Hz	
Drop-out voltage (23°C) (Rated voltage)		DC:≥10% ,AC:30% 50/60Hz	
Maximum voltage (23°C)		110% (Rated voltage)	
Insulation resistance		≥1000MΩ (500VDC)	
Coil operating power	DC(W)	approx. 0.53	
	AC(VA)	approx. 1.0	
Operate time (at nominal voltage)		≤20ms	
Release time (at nominal voltage)		≤10ms	
Initial breakdown voltage	Between open contacts	1000VAC/1min (leakage current 1mA)	
	Between poles	1000VAC/1min (leakage current 1mA)	
	Between contacts and coil	5000VAC/1min (leakage current 1mA)	
Working temperature/ humidity		-40~+65°C/ 35%~85%RH (No condensation) ★	
Air pressure		86~106KPa	

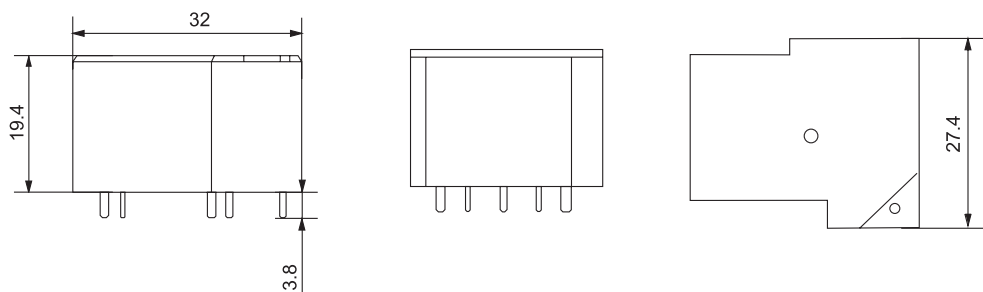
Shock resistance	Stability10G,destructiveness100G
Vibration resistance	10~55Hz double-amplitude:1.5mm
Mounting	PCB
Unit weight	approx. 17g
Similar products	14FC

★ If the storage exceeds 18 months (calculated from the factory date), it is recommended to re-test the parameters before using.

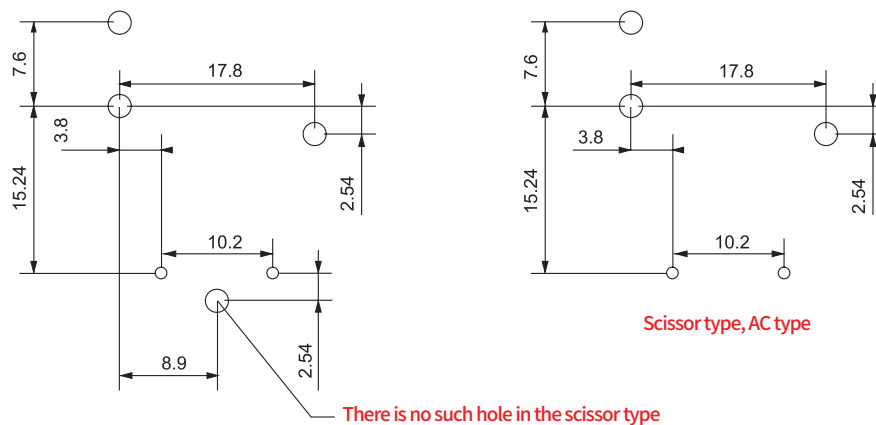
Coil Specifications (23°C)

Code	005	006	009	012	018	024	036	048	110
VoltageV.DC	5	6	9	12	18	24	36	48	110
Coil resistance Ω	26.8	38.7	90	155	360	600	1440	2560	13000

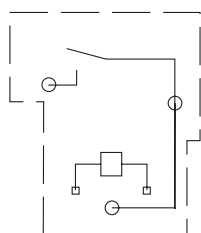
Dimensions (mm)



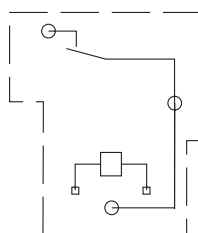
Installation dimension(mm)



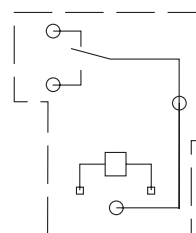
Wiring Diagrams



RTF1A



RTF1B



RTF1C