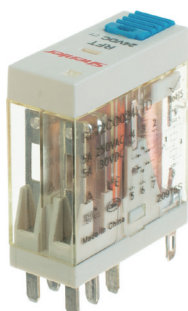


>>> RFT Interface Relay



RFT1CO



RFT2CO-LT



Features

- > Slim and compact size
- > 1 pole 12A; 2 pole 8A
- > With non-polarity LED integrated in relay
- > With lockable test button and inspection window
- > Identification of coils through test button color (AC red/DC blue)
- > Conformity with RoHS Directive

Ordering Information

RFT ☐ ☐ ☐ ☐

Contact form _____
 1C: 1CO
 2C: 2CO

Terminal arrangement _____
 O: plug in

Coil voltage code _____

Code	006	012	024	036	048	110	
Voltage (V DC)	6	12	24	36	48	110	
Code	506	512	524	548	615	730	740
Voltage (V AC)	6	12	24	48	115	230	240

Options _____
 blank: standard type
 L: with LED
 D: with diode (1-,5+ ; 1-,8+)
 D1: with diode(1+,5-; 1+,8-)
 LD: with LED and diode (1-,5+ ; 1-,8+)
 LD1: with LED and diode (1+,5-; 1+,8-)
 LT: LED + Test button
 LTD: LED + test button+diode (1-, 5+; 1-, 8+)
 LTD1: LED + test button+diode (1+, 5-; 1+, 8-)
 B: cover with flange (selection plus B,namely LB,DB,LDB, etc.)

Characteristics

		1C	2C
Contact	Configuration	1C	2C
	Rated current/ Resistive load	12A/250VAC, 30VDC	8A/250VAC, 30VDC
	Rated voltage Motor load	1/3HP, 240VAC	1/6HP, 240VAC
	Switching capacity (resistive)	3000VA, 360W	2000VA, 240W
	Initial contact resistance	≤50mΩ	
	Material	Ag alloy	
	Electric durability (110% rated voltage , 55°C)	≥20 x 10 ⁴ (1800 Ops/h)	
	Electric durability (Normal temperature)	≥30 x 10 ⁴ (600 Ops/h)	
		≥2000 x 10 ⁴ (18000 Ops/h)	
Pick-up voltage (23°C)		DC:≤75% (rated voltage), AC:≤80% 50/60Hz (rated voltage)	
Drop-out voltage (23°C)		DC:≥10% (rated voltage),AC:≥30% 50/60Hz (rated voltage)	
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	3000VAC/1min (leakage current 1mA)	
	Between contacts and coil	5000VAC/1min (leakage current 1mA)	
Ambient temperature		-40~+55°C	
Humidity		5%~85%RH	
Air pressure		86~106KPa	
Shock resistance		10G (half-sine shock pulse: 11ms)	
Vibration resistance		10~55Hz double-amplitude: 1.0mm	
Mounting		plug in	
Unit weight		Approx. 18g	

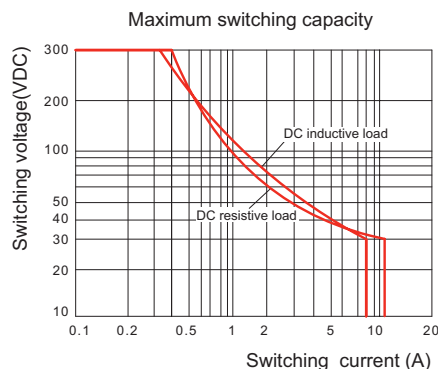
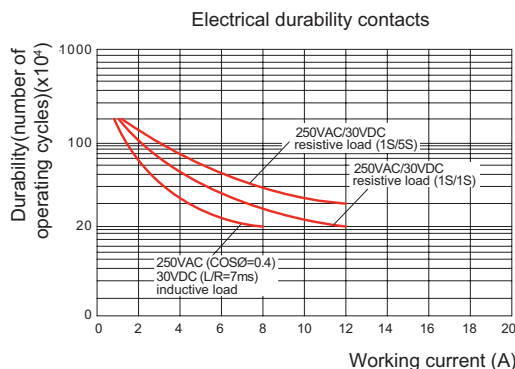
Coil Specifications (23°C)

Nominal voltage V.DC	6	12	24	36	48	110	
Coil resistance Ω	68	270	1100	2440	4300	22800	
Nominal voltage V.AC	6	12	24	48	115	230	240
Coil resistance Ω	16	63	240	1085	6300	23000	25000

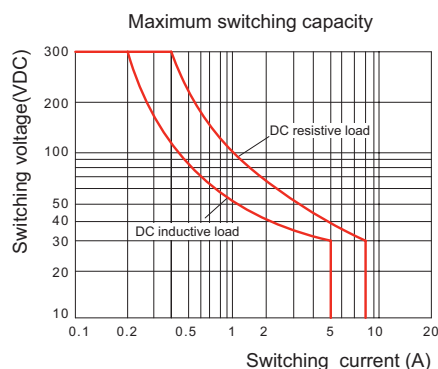
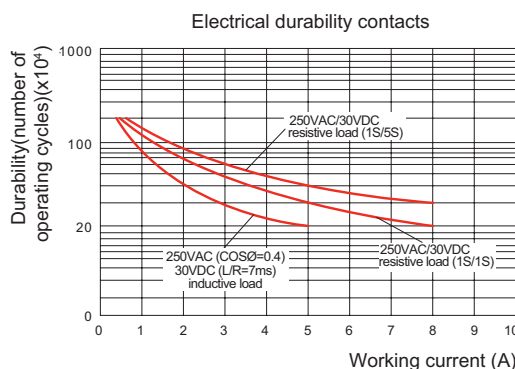
Remark: Coil resistance under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above coil voltage 110V are measured with tolerance of $\pm 15\%\Omega$.

Contact Specification

RFT1CO

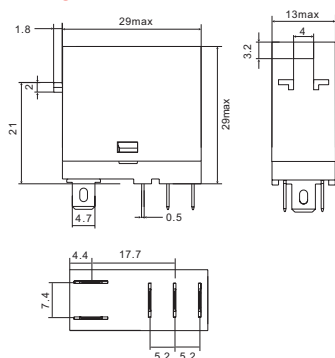


RFT2CO

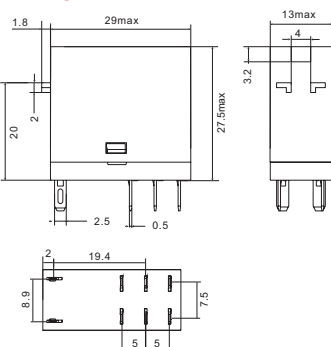


Dimensions (mm)

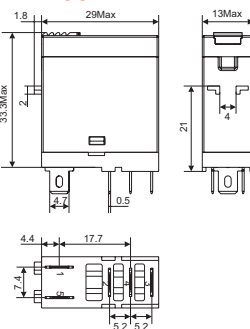
RFT1C



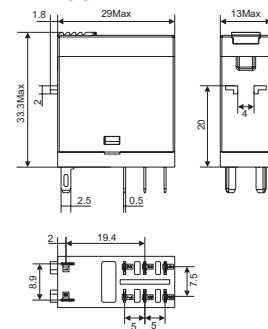
RFT2C



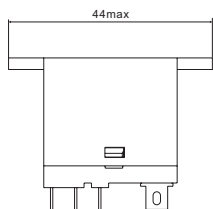
RFT1CO-LT



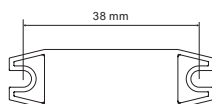
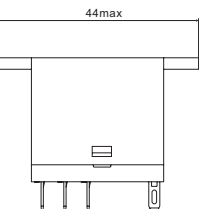
RFT2CO-LT



RFT1CO-B

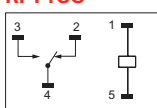


RFT2CO-B

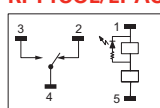


Wiring Diagrams

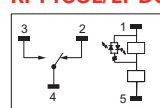
RFT1CO



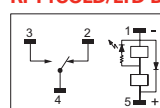
RFT1COL/LT AC



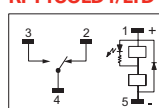
RFT1COL/LT DC



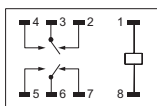
RFT1COLD/LTD DC



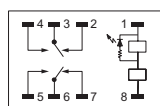
RFT1COLD1/LTD1



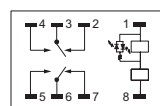
RFT2CO



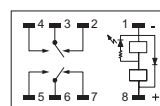
RFT2COL/LT AC



RFT2COL/LT DC



RFT2COLD/LTD DC



RFT2COLD1/LTD1

