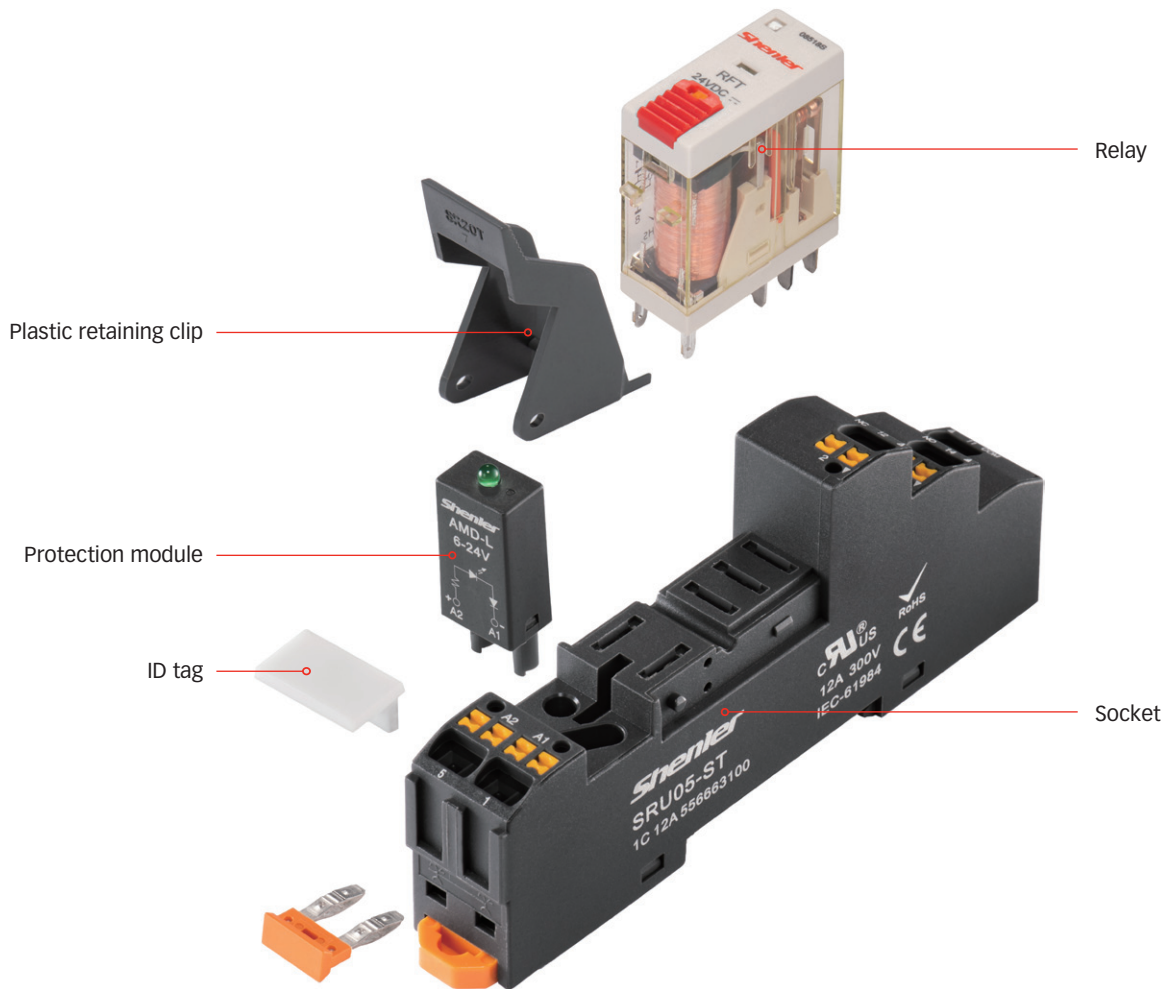










# >>> RFT Interface Relay

Shenler  
>>> Industrial Relay Series



## >>> Other applicable sockets and accessories selection table

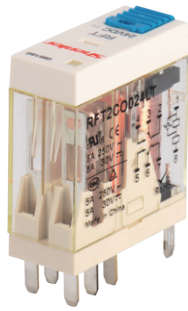
							
SRU05-E	SRT05-A	SRU05-E	SRU05-S	SRU05-ST	SRT05-P	SR08B	SR08C

Note: Applicable protection modules and accessories please refer to Page 79 to 81.

# >>> RFT Interface Relay



RFT2CO



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 \_\_\_\_\_

LT: LED + Test button

LTD: LED + test button+diode (1-, 5+; 1-, 8+)

LTD1: LED + test button+diode (1+, 5-; 1+, 8-)



## Characteristics

		1C	2C	
Contact	Configuration	1C	2C	
	Rated current/ Rated voltage	Resistive load	12A/250VAC, 30VDC	8A/250VAC, 30VDC
		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 <sup>4</sup> (1800 Ops/h)		
	Electric durability (Normal temperature)	≥30 x 10 <sup>4</sup> (600 Ops/h)		
Mechanical durability	≥2000 x 10 <sup>4</sup> (18000 Ops/h)			
Pick-up voltage (23°C)	DC:≤75% (rated voltage), AC:≤80% (rated voltage)			
Drop-out voltage (23°C)	DC:≥10% (rated voltage),AC:≥30% (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			
Vibration resistance	10~55Hz double-amplitude: 1.0mm			
Mounting	plug in			
Unit weight	Approx. 20g			

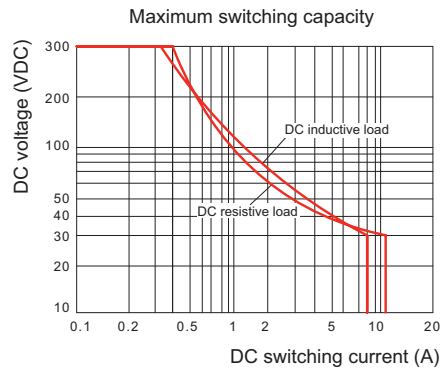
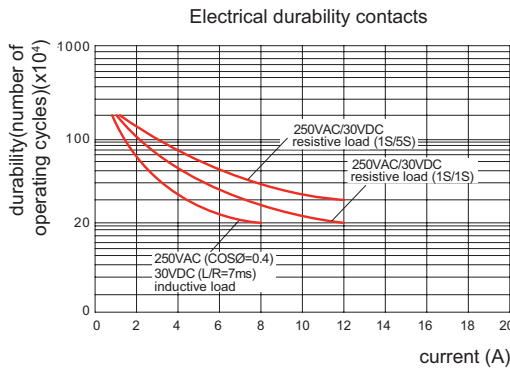
### Coil Specifications (23°C)

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

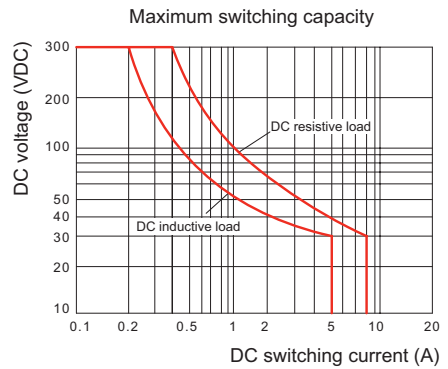
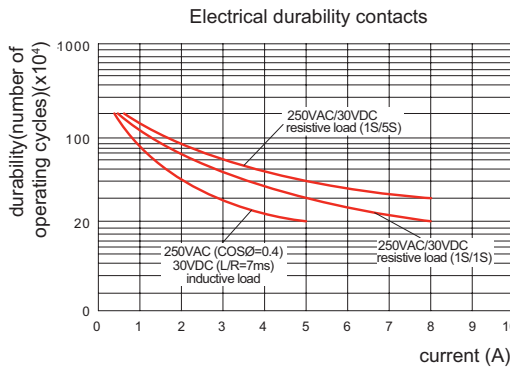
Remarks: Coil resistances under coil voltage 110V are measured with tolerances of 10%; above coil voltage 110V are measured with tolerances of 15%.

### Contact Specification

#### RFT1CO

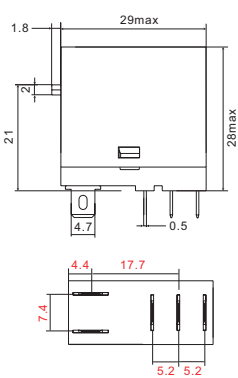


#### RFT2CO

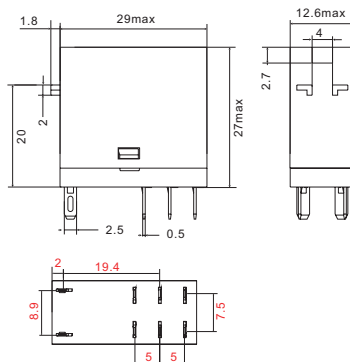


### Dimensions (mm)

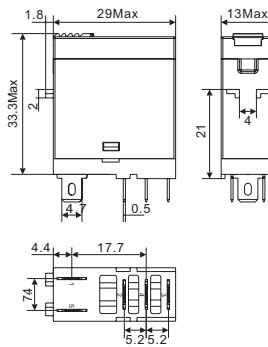
#### RFT1C



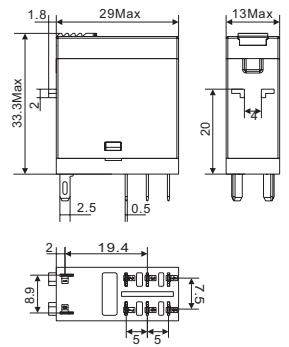
#### RFT2C



#### RFT1CO-LT

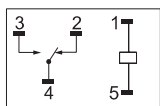


#### RFT2CO-LT

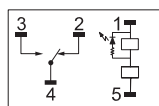


### Wiring Diagrams

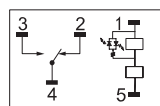
#### RFT1CO



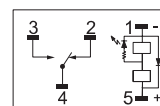
#### RFT1COL/LT AC



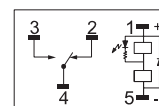
#### RFT1COL/LT DC



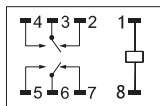
#### RFT1COLD/LTD DC



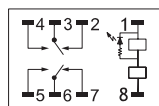
#### RFT1COLD1/LTD1



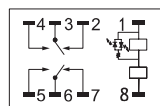
#### RFT2CO



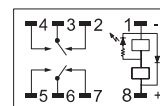
#### RFT2COL/LT AC



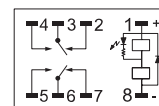
#### RFT2COL/LT DC



#### RFT2COLD/LTD DC



#### RFT2COLD1/LTD1



# >>> RFT Interface Relay

## RFT Socket

### >>> SRT□□-E

#### Presentation



10/16 AMPS 300 VOLTS



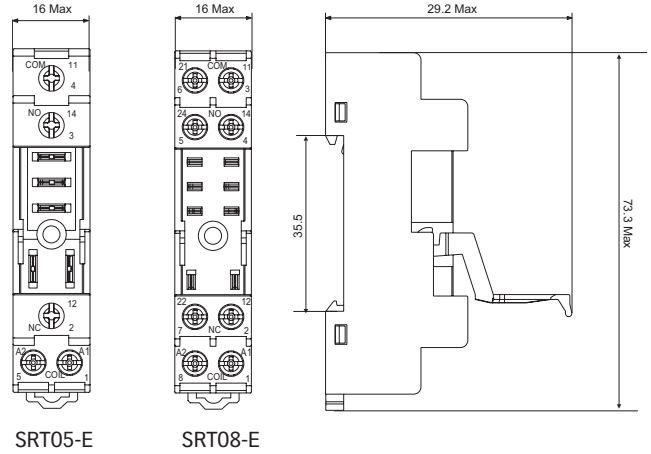
#### Characteristics

Type			SRT05-E	SRT08-E
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/S	4000	
	Between contacts	V/S	2500	
Max. tightening torque		Nm	1.0	
Wire size		AWG/mm <sup>2</sup>	20-14/0.5-2.5	
Ambient temperature		°C	-45~85	
Unit weight		g	22	27

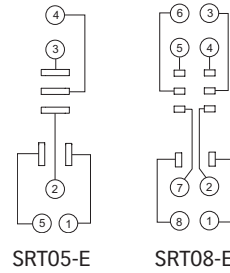
#### Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail	Bus jumper
SRT05-E	SR20	-	-	-	PPF	SR08C
SRT08-E	(included in socket)	-	-	-	PPF	SR08C

#### Dimensions (mm)



#### Connection Diagrams



### >>> SRT□□-A

#### Presentation



10/16 AMPS 300 VOLTS



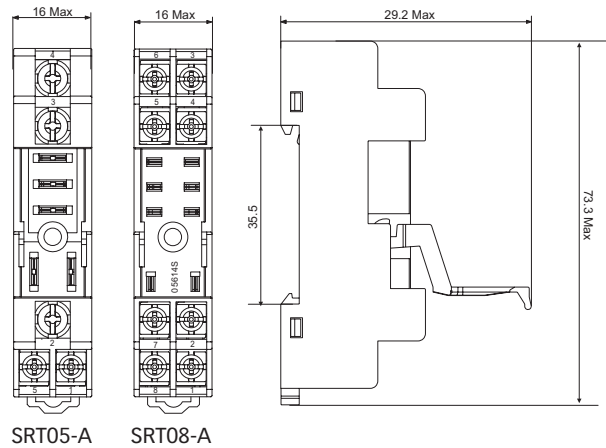
#### Characteristics

Type			SRT05-A	SRT08-A
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/S	4000	
	Between contacts	V/S	2500	
Max. tightening torque		Nm	1.0	
Wire size		AWG/mm <sup>2</sup>	20-14/0.5-2.5	
Ambient temperature		°C	-45~85	
Unit weight		g	22	27

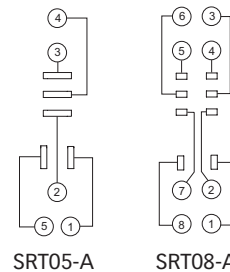
#### Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail	Bus jumper
SRT05-A	SR20	-	-	-	PPF	SR08C
SRT08-A	(included in socket)	-	-	-	PPF	SR08C

#### Dimensions (mm)



#### Connection Diagrams



**RFT Socket**

**>>> SRU□□-E**

**Presentation**



**10/16 AMPS 300 VOLTS**



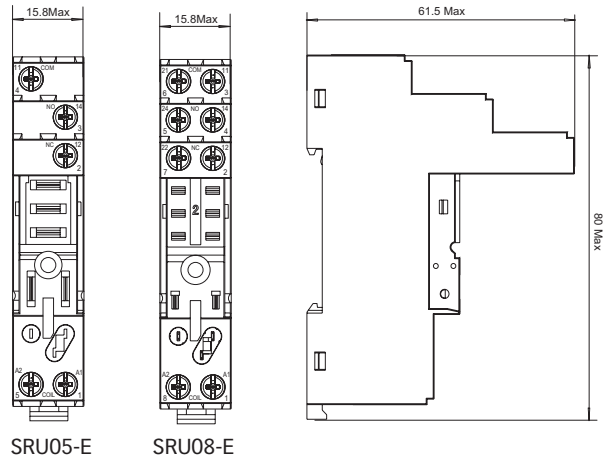
**Characteristics**

Type			SRU05-E	SRU08-E
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/S	4000	
	Between contacts	V/S	2500	
Max. tightening torque		Nm	1.0	
Wire size		AWG/mm <sup>2</sup>	20-14/0.5-2.5	
Ambient temperature		°C	-45~+85	
Unit weight		g	35	43

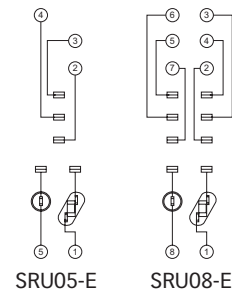
**Relay, accessories selection table**

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail	Bus jumper
SRU05-E	SR20T	-	SR2P	AMD	PFP	SR08B
SRU08-E						

**Dimensions (mm)**

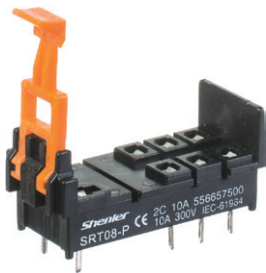


**Connection Diagrams**



**>>> SRT□□-P**

**Presentation**



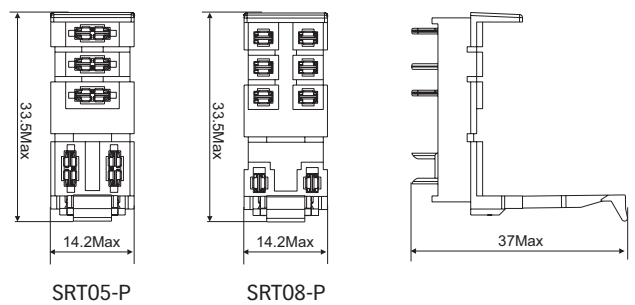
**10/16 AMPS 300 VOLTS**



**Characteristics**

Type			SRT05-P	SRT08-P
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/S	4000	
	Between contacts	V/S	2500	
Ambient temperature		°C	-40~+65	
Unit weight		g	4	

**Dimensions (mm)**



**Connection Diagrams**

