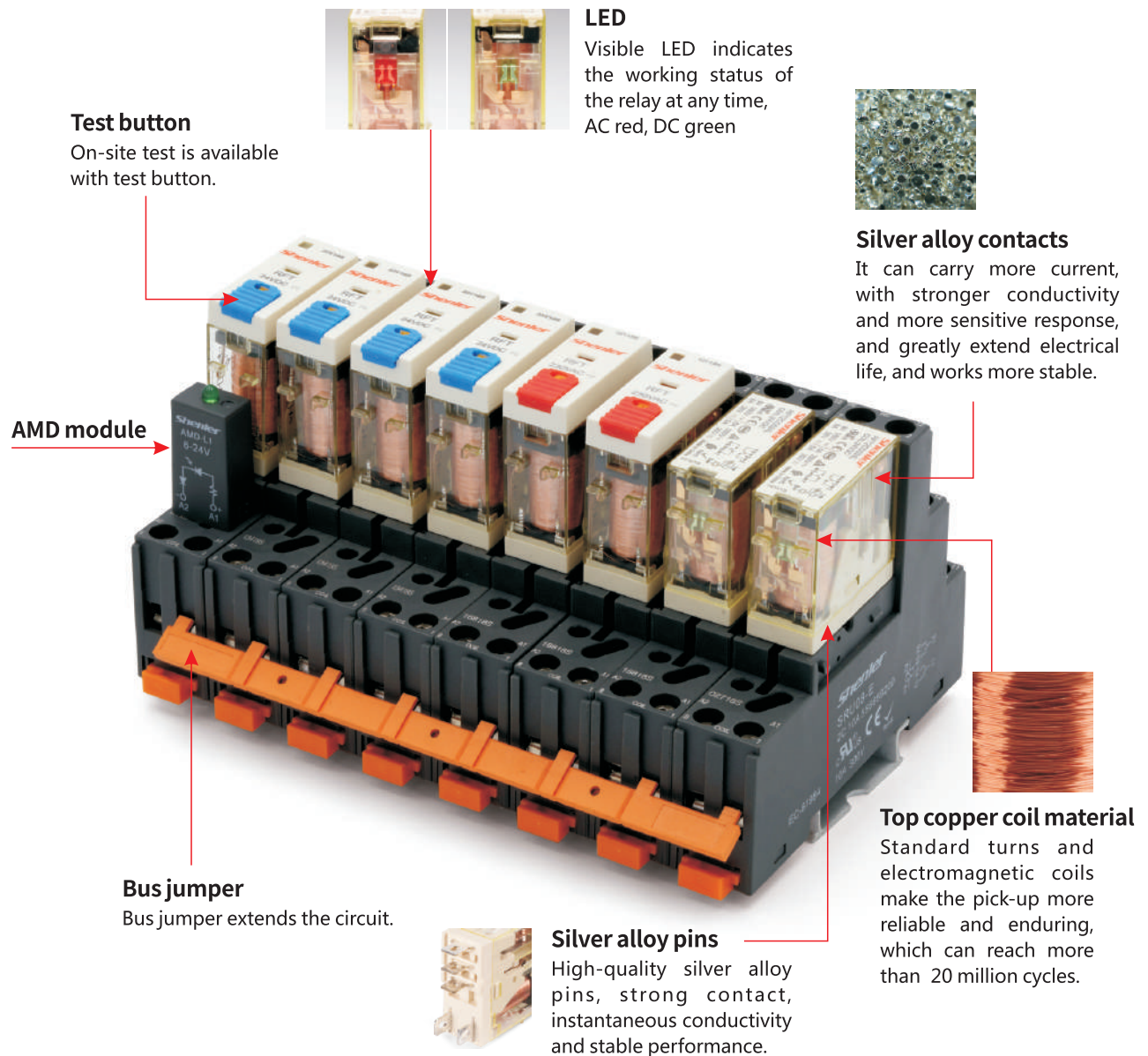


- Slim and compact size
- 1 pole 12A; 2 pole 8A
- With non-polarity LED integrated in relay
- With lockable test button and inspection window
- Identification of coils through test button color (AC red/DC blue)
- Conformity with RoHS Directive

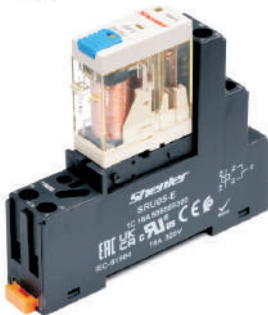




Relay
+



Socket
=



Relay module

RFT ☐ ☐ ☐ ☐

Other 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.)

A:gold plated contact

Coil voltage code

Code	006	012	024	048	110	
Voltage (V DC)	6	12	24	48	110	
Code	506	524	536	548	615	730
Voltage (V AC)	6	24	36	48	115	230

Terminal arrangement

O: plug in

Contact form

1C: 1CO

2C: 2CO

Series name

Characteristics

Configuration		1C	2C
Load	Resistance	12A/250VAC, 30VDC	8A/250VAC, 30VDC
	Motor load	1/3HP, 240VAC	1/6HP, 240VAC
	Max. switching capacity (resistive)	3000VA, 360W	2000VA, 240W
Contact	Min. switching capacity	170mW(17V/10mA)	
	Initial contact resistance	≤50mΩ	
	Material	Ag alloy	
	Electrical durability (high temp., frequency 1s on, 1s off)	≥20 x 10 ⁴ Cycles (1800 Ops/h)	
	Electrical durability (normal temp., frequency 1s on, 5s off)	≥30 x 10 ⁴ Cycles(600 Ops/h)	
	Mechanical durability	≥2000 x 10 ⁴ Cycles (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)(Rated voltage)		110%	
Insulation resistance		≥1000MΩ (500VDC)	
Coil operating power	DC(W)	approx. 0.53	
	AC(VA)	approx. 1.0(60Hz)	
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)	
Insulation characteristics	Rated voltage	250VAC	
	Pollution level	3	
	IEC 60664 UL840 Overvoltage level	III	
Impulse withstand voltage (waveform: 1.2/50μs)		4000V(Altitude 2000m)	

Protection level	IP20
Storage temperature/ humidity	-55~+85°C/5%~68%RH
Working temperature/ humidity	-40~+55°C/5%~85%RH((No condensation)
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

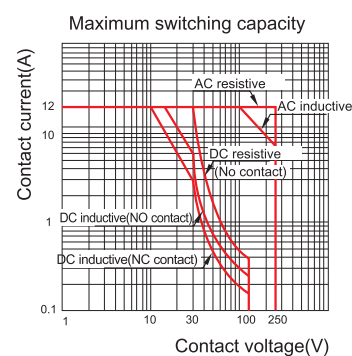
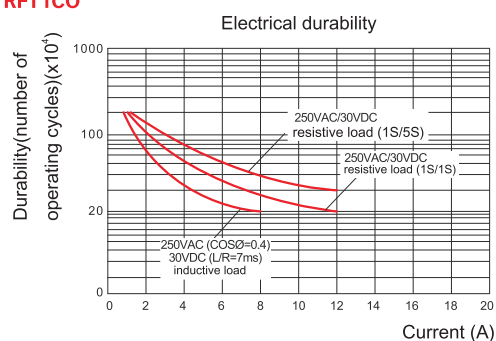
Coil Specifications (23°C)

Nominal voltage V.DC	6	12	24	48	110	
Coil resistance Ω	68	270	1100	4400	22800	
Nominal voltage V.AC	6	12	24	48	115	230
Coil resistance Ω	16	63	260	1100	6300	23500

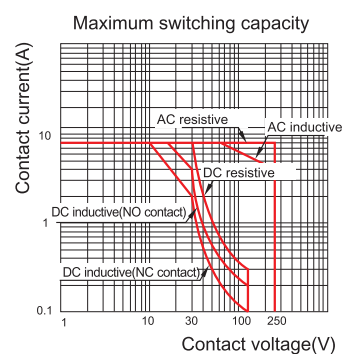
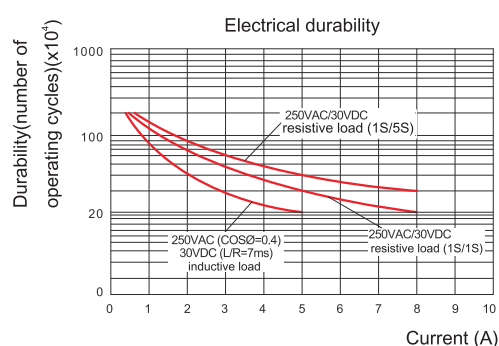
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%$, above 110V with tolerance of $\pm 15\%$.

Contact Specification

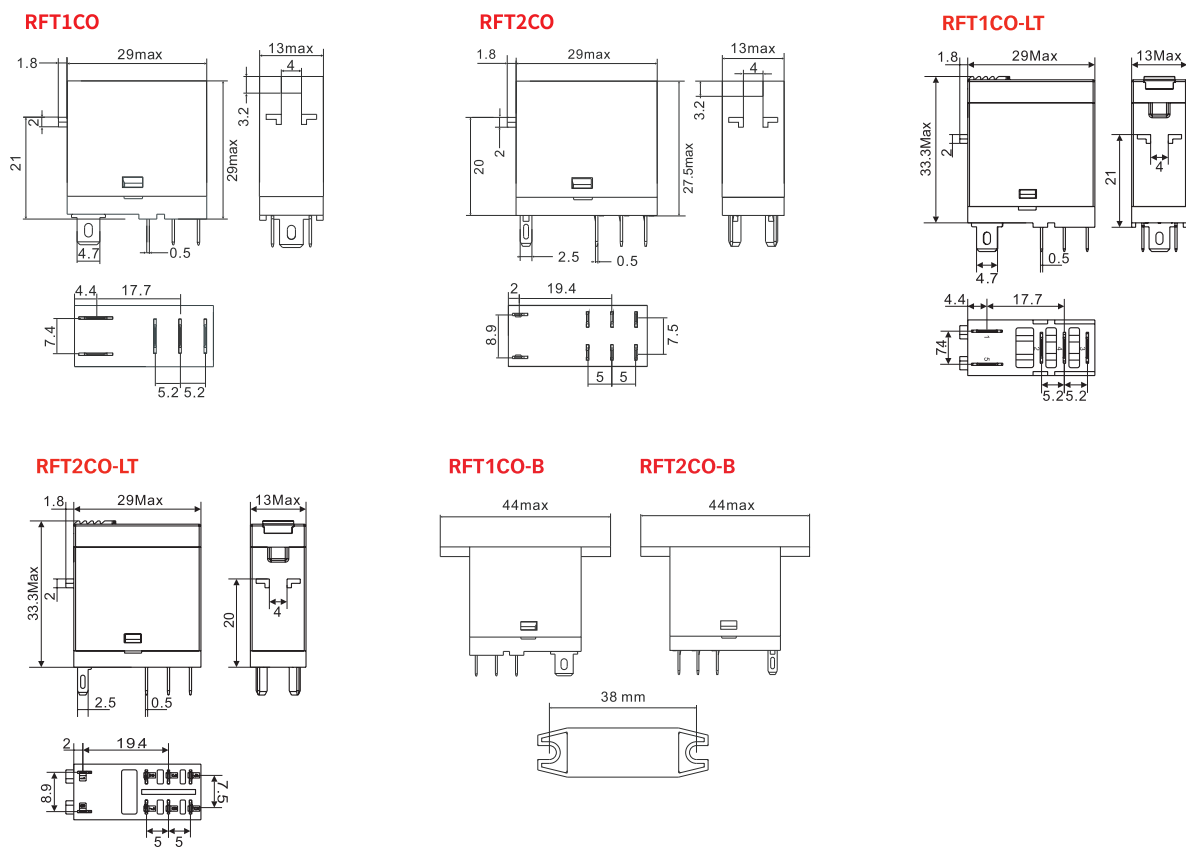
RFT1CO



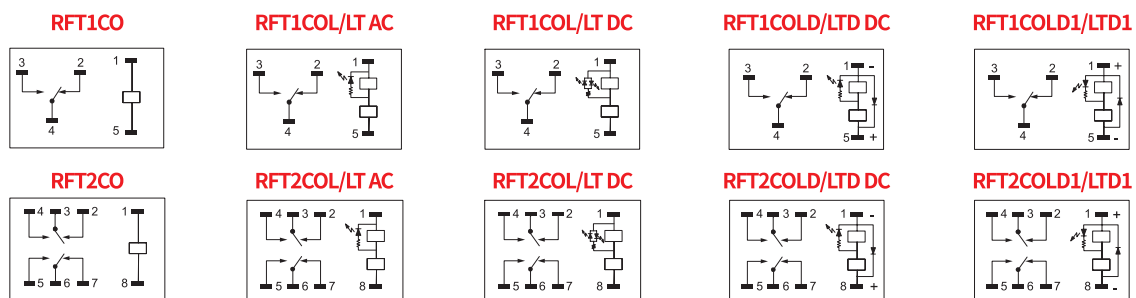
RFT2CO



Dimensions (mm)



Wiring Diagrams





Relay
+



Socket

=



Relay module

RFT □ □ □ □

Other options

L S: LED + magnet

LD S: LED+diode (1-,5+; 1-,8+)+magnet

LD1 S: LED+diode (1+,5-; 1+,8-)+magnet

Coil voltage code

Code	006	012	024	048	110	
Voltage (V DC)	6	12	24	48	110	
Code	506	524	536	548	615	730
Voltage (V AC)	6	24	36	48	115	230

Terminal arrangement

O: plug in

Contact form

1C: 1CO

2C: 2CO

Series name

Characteristics

Configuration		1C-LS	2C-LS
Load	Resistance	12A/250VAC, 30VDC	8A/250VAC, 30VDC
	Motor load	1/3HP, 240VAC	1/6HP, 240VAC
	Inductive (DC load)	12A,30VDC(L/R=7 ms)	8A,30VDC(L/R=7 ms)
Contact	Max. switching capacity (resistive)	3000VA, 360W	2000VA, 240W
	Initial contact resistance	≤50mΩ	
	Material	Ag alloy	
	Electrical durability (high temp., frequency 1s on, 1s off)	≥20 x 10 ⁴ Cycles (1800 Ops/h)	
	Electrical durability (normal temp., frequency 1s on, 5s off)	≥30 x 10 ⁴ Cycles(600 Ops/h)	
Mechanical durability		≥2000 x 10 ⁴ Cycles (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)(Rated voltage)		110%	
Insulation resistance		≥1000MΩ (500VDC)	
Coil operating power	DC(W)	approx. 0.53	
	AC(VA)	approx. 1.0(60Hz)	
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)	
Insulation characteristics	Rated voltage	250VAC	
	Pollution level	3	
IEC 60664 UL840	Overvoltage level	III	
Impulse withstand voltage (waveform: 1.2/50μs)		4000V(Altitude 2000m)	
Protection level		IP20	
Storage temperature/ humidity		-55~+85°C/5%~68%RH	
Working temperature/ humidity		-40~+55°C/5%~85%RH((No condensation)	

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. 20.56g	approx. 20.245g

Coil Specifications (23°C)

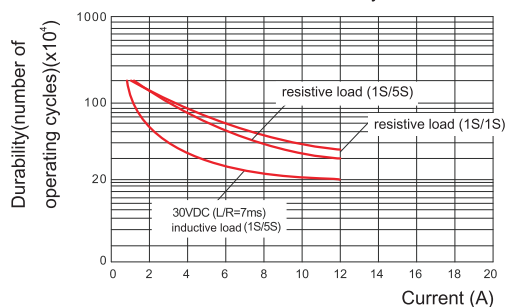
Nominal voltage V.DC	6	12	24	48	110	
Coil resistance Ω	68	270	1100	4400	22800	
Nominal voltage V.AC	6	12	24	48	115	230
Coil resistance Ω	16	63	260	1100	6300	23500

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

Contact Specification

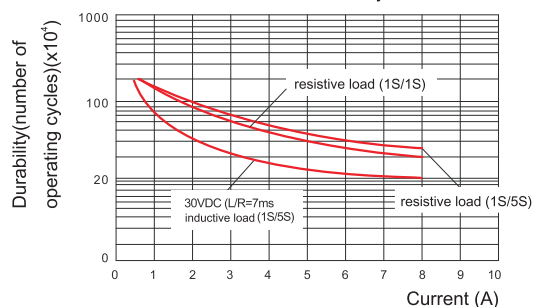
RFT1CO LS

Electrical durability



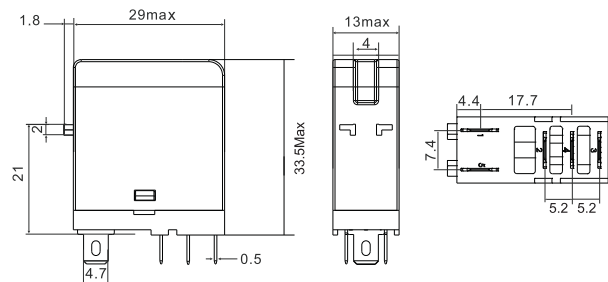
RFT2CO LS

Electrical durability

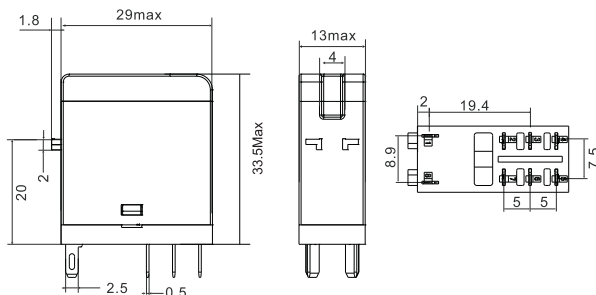


Dimensions (mm)

RFT1CO LS

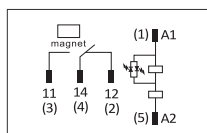


RFT2CO LS

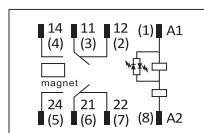


Wiring Diagrams

RFT1CO LS



RFT2CO LS



Characteristics



SRT05-A

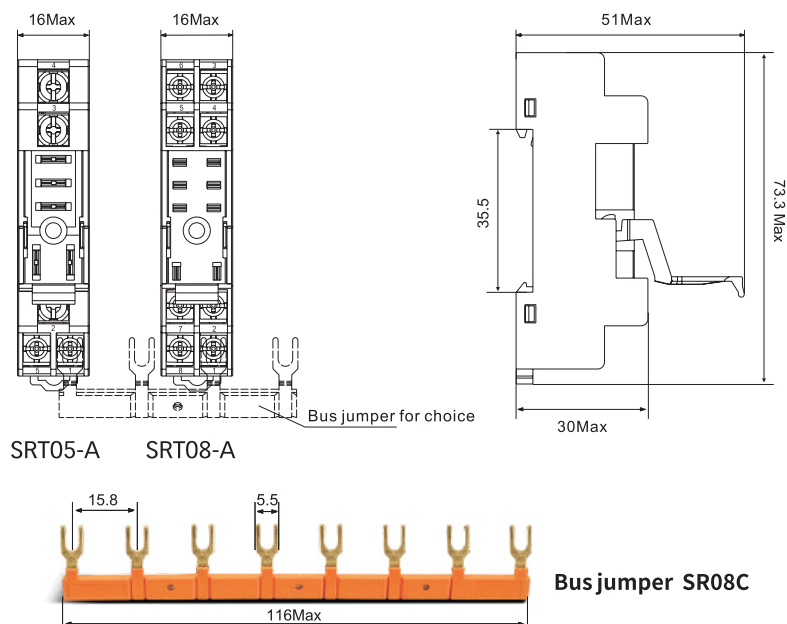


SRT08-A

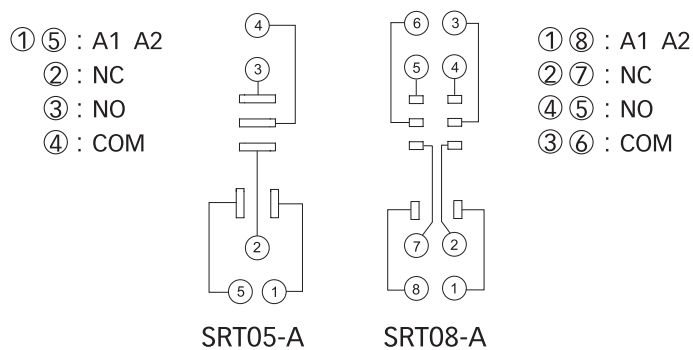


Type			SRT05-A	SRT08-A
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/min	4000	
	Between contacts	V/min	2500	
Max. tightening torque		Nm	1.0	
Wire size		AWG/mm ²	20-14/0.5-2.5	
Ambient temperature		°C	-40~+85	
Unit weight		g	22	27
Accessories				
Plastic clip		Bus jumper		
 SR20 (included in socket)		 SR08C		

Dimensions (mm)



Connection Diagrams



Characteristics



SRT05-E

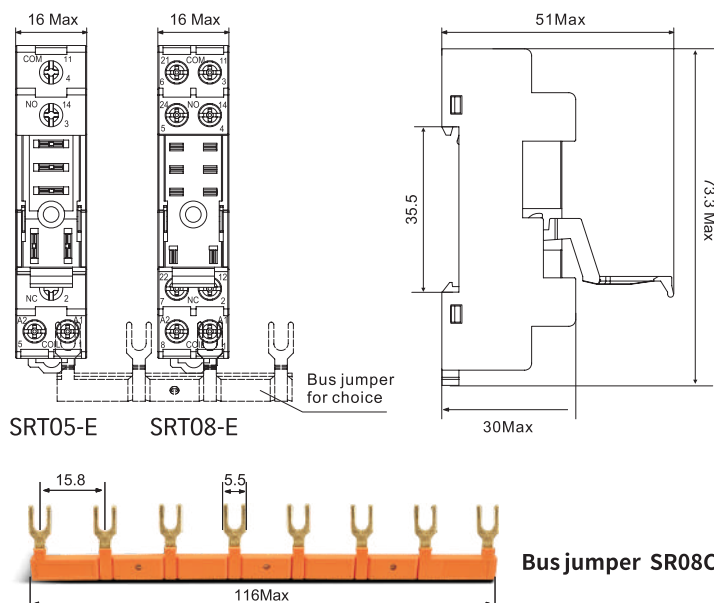


SRT08-E



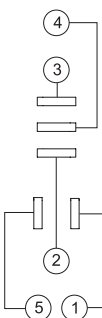
Type			SRT05-E	SRT08-E
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/min	4000	
	Between contacts	V/min	2500	
Max. tightening torque		Nm	1.0	
Wire size		AWG/mm ²	20-14/0.5-2.5	
Ambient temperature		°C	-40~+85	
Unit weight		g	22	27
Accessories				
Plastic clip			Bus jumper	
 SR20 (included in socket)			 SR08C	

Dimensions (mm)

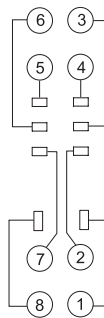


Connection Diagrams

① ⑤ : A1 A2
② : NC
③ : NO
④ : COM



SRT05-E



SRT08-E

① ⑧ : A1 A2
② ⑦ : NC
④ ⑤ : NO
③ ⑥ : COM

Characteristics



SRT05-ES

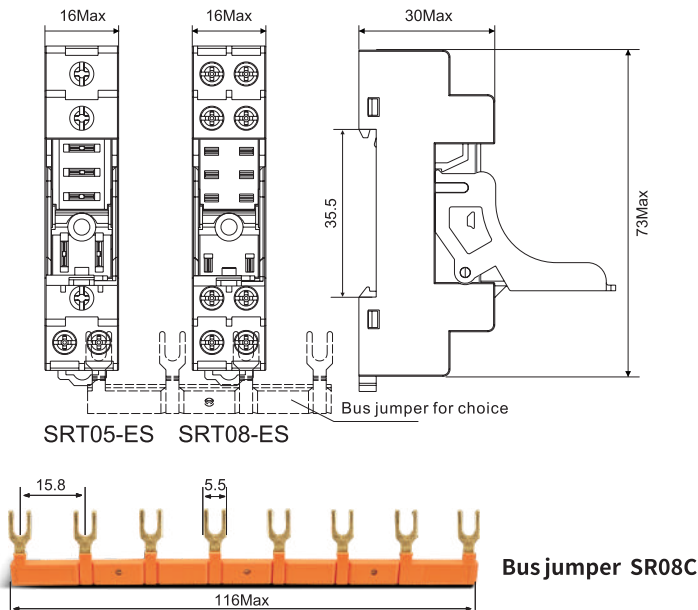


SRT08-ES

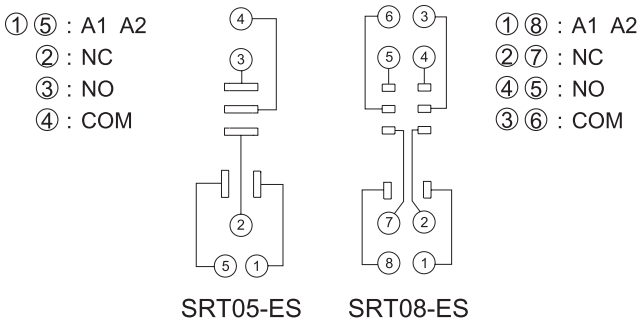


Type			SRT05-ES	SRT08-ES
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/min	4000	
	Between contacts	V/min	2500	
Max. tightening torque		Nm	1.0	
Wire size		AWG/mm ²	20-14/0.5-2.5	
Ambient temperature		°C	-40~+85	
Unit weight		g	22	27
Accessories				
Socket	Plastic clip	Bus jumper		
SRT05-ES	 SR20L (included in socket)	 SR08C		
SRT08-ES				

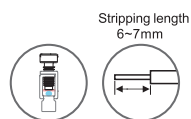
Dimensions (mm)



Connection Diagrams



Characteristics



SRU05-E

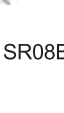


SRU08-E



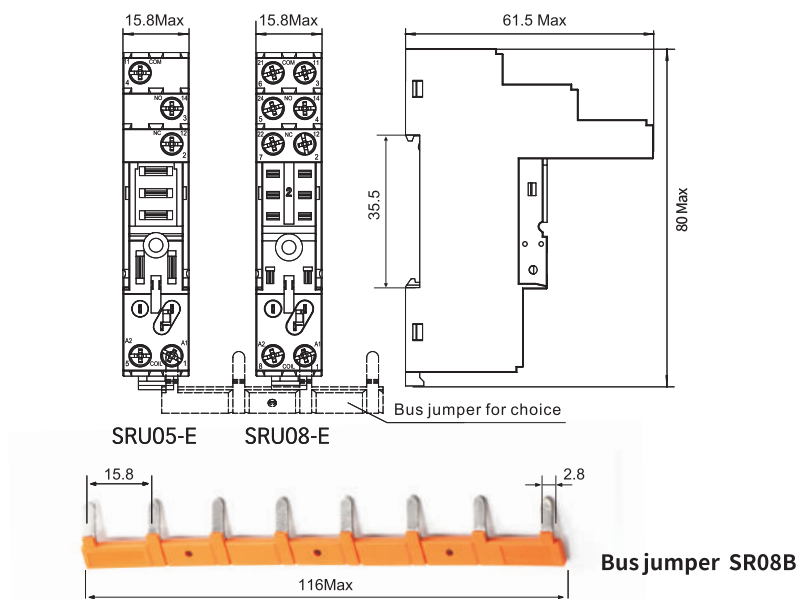
Type			SRU05-E	SRU08-E
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/min	4000	
	Between contacts	V/min	2500	
Max. tightening torque		Nm	1.0	
Wire size		AWG/mm ²	20-14/0.5-2.5	
Ambient temperature		°C	-40~+85	
Unit weight		g	35	43

Accessories

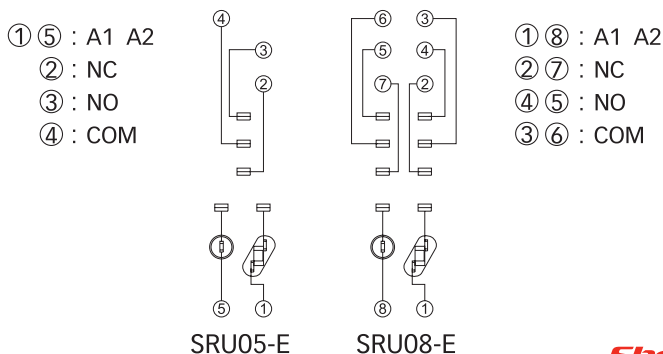
Socket	Plastic clip	Metal clip★	ID tag	Module	Bus jumper
SRU05-E					
	SR20T	SR27M			
SRU08-E					
	SR20U	SR32M	SR2P	AMD	SR08B

★ SR27M is for relay with no test button; SR32M is for relay with test button.

Dimensions (mm)



Connection Diagrams



Characteristics



SRU05-ST



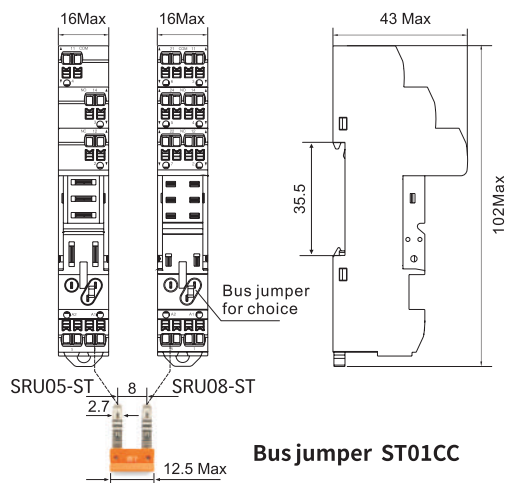
SRU08-ST



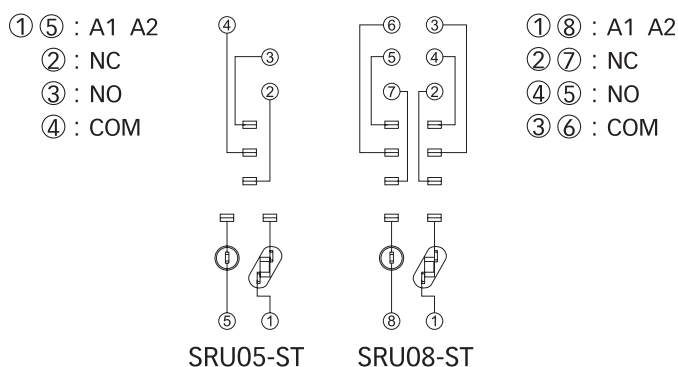
Type			SRU05-ST	SRU08-ST	
Nominal load	Current	A	16	10	
	Voltage	V	300		
Dielectric strength	Between coil and contact	V/min	4000		
	Between contacts	V/min	2500		
Max. tightening torque		Nm	-		
Wire size		AWG/mm ²	20-14/0.5-2.5		
Ambient temperature		°C	-40~+85		
Unit weight		g	35	43	
Accessories					
Socket	Plastic clip	Metal clip★	ID tag	Module	Bus jumper
SRU05-ST	 SR20T	 SR27M			
SRU08-ST	 SR20U	 SR32M	SR2P	AMD	ST01CC

★ SR27M is for relay with no test button; SR32M is for relay with test button.

Dimensions (mm)



Connection Diagrams



Characteristics

SRT05-P

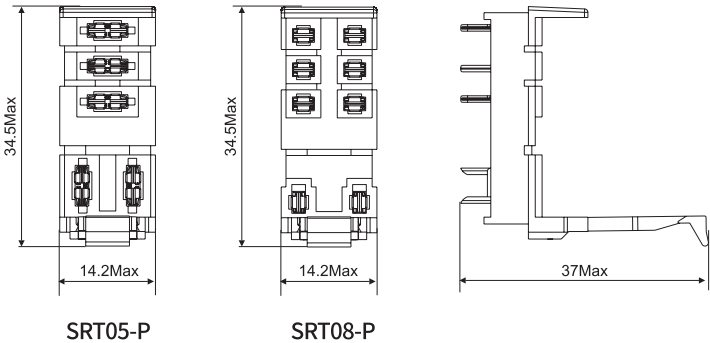


Type			SRT05-P	SRT08-P
Nominal load	Current	A	16	10
	Voltage	V	300	
Dielectric strength	Between coil and contact	V/min	4000	
	Between contacts	V/min	2500	
Ambient temperature		°C	-40~+85	
Unit weight		g	4	

SRT08-P



Dimensions (mm)



Connection Diagrams

