



































Automation relay workshop

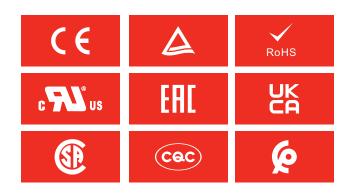
About Shenler

Founded in 2014, Shenle Corporation Ltd. is an intelligent relay manufacturing factory, mainly engaged in industrial relays, interface relays, automotive relays, relay modules, time relays, solid state relays, sockets, limit switches, buttons, industrial auxiliary materials, automated smart manufacturing and equipment. The company's total construction area is 36,000 square meters, covering an area of 23 acres.ln 2022, the production capacity exceeds 100 million pieces, and the current market share accounts for 30%. Shenle's sales and service network covers the world, and more than 65% of its products are sold overseas. The products are widely used in machinery manufacturing, hoisting machinery, machine tools, papermaking equipment, motor control, elevators, robots, food and beverages, rubber equipment, ceramics machinery, printing and packaging, injection molding machinery, textile machinery, logistics equipment, electronic manufacturing, petrochemical, new energy and other fields.



Qualifications

Shenle products have passed CE,TÜV,RoSH, UL, EAC, UKCA, CSA, CQC, CP, certifications.



- National Spark Program Project
- Zhejiang Science & Technology Enterprise
- TÜV Rheinland Witnessing Laboratory
- Top 10 Brands of Relays in China
- High-tech Enterprise
- Supporting the whole industry chain of automation equipment manufacturing
- UL Witnessing Laboratory
- Zhejiang Enterprise Research Institute

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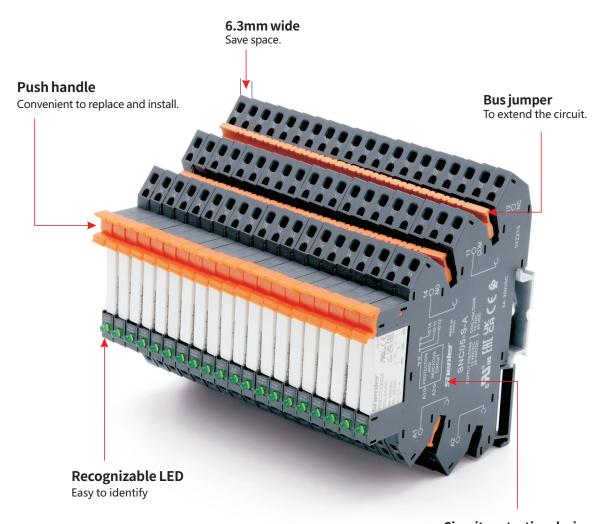
Electromagnetic Relay	003	RNC Interface Relay
	011	RFT Interface Relay
	021	RKM Miniature General Purpose Relay
	027	RKE Miniature General Purpose Relay
	031	RKE-LS Sealed Power Relay
	041	RKF Miniature General Purpose Relay
	050	RKF-S Magnetic Blow-out Power Relay
	055	RKL Miniature Power Relay
	060	REH Power Relay
	063	REH Magnetic Blow-out Power Relay
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Selection manual of industrial control relay

RNC

Interface Relay Module

- Ultra-slim, high sensitivity and low consumption, the maximum load power 6A.
- Reasonable structure, meets environmental protection requirements, the control voltage range can be extended with matching sockets.
- Shenler industrial relays are widely used in the output signal and safety drive of PLC, CNC system, robot, intelligent manufacturing and other control systems. It is the best choice to realize remote control, production and processing, packaging, transportation, testing, storage and other equipment and automatic assembly lines.



Circuit protection design Bridge rectifier circuit, built-in surge absorber for AC and DC, in avoid of overvoltage.







RNC

Interface Relay Module





Relay



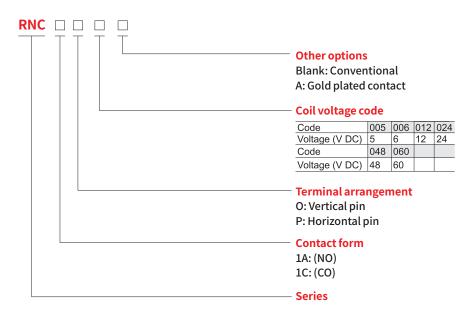


Socket

=



Relay module



Characterist	tics			
	Configuration	1A,1C		
	Load Resistance	6A/250VAC 30VDC		
	Max. switching capacity (resistive)	1500VA,180W		
Combook	Min. switching capacity	170mW(17V/10mA)		
Contact	Initial contact resistance	≤100mΩ (gold plated contact ≤ 30mΩ)		
	Material	Ag alloy		
	Electrical durability (normal temperature)(frequency 1s on, 5s off)	NO: 6x10 ⁴ Cycles (600 Ops/h); NC: 3x10 ⁴ Cycles (600 Ops/h)		
	Mechanical durability	≥2 x 10 ⁷ Cycles (18000 Ops/h)		
Pick-up voltage	(23°C) (Rated voltage)	DC:≤75%		
Drop-out voltage	e (23°C) (Rated voltage)	DC:≥5%		
Maximum voltag	e (23°C) (Rated voltage)	110%		
Insulation resista	ance	≥1000MΩ (500VDC)		
Coil operating po	ower 3~24 VDC	approx. 0.175W		
	48~60 VDC	approx. 0.21W		
Operate time (at	nominal voltage)	≤8ms		
Release time (at	nominal voltage)	≤4ms		
Initial breakdowr	Between open contacts	1000VAC/1min (leakage current 1mA)		
voltage	Between contacts and coil	4000VAC/1min (leakage current 1mA)		
Insulation	Rated voltage	250VAC		
characteristics	Pollution level	3		
IEC 60664 UL8	Overvoltage level	III		
Impulse withstar	nd voltage (waveform: 1.2/50µs)	4000V		
Protection level		IP20		
Storage tempera	ature/ humidity	-55~+85°C/ ≤85%RH (18 months)		
Working tempera	ature/ humidity	-40~+85°C/ 5%~85%RH (No condensation)		
Air pressure		86~106KPa		
Shock resistance	e	10G (half-sine shock pulse: 11ms)		
Vibration resista	nce	10~55Hz double-amplitude:1.0mm		
Mounting		PCB		
Unit weight		approx. 6g		

RNC

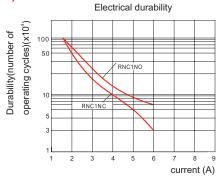
Interface Relay Module

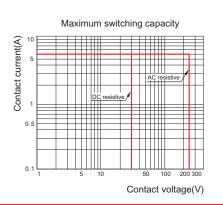
Coil Specifications (23°C)						
Nominal voltage V.DC (0.17W)	5	6	12	24		
Coil resistance Ω	147	212	847	3250		
Nominal voltage V.DC (0.21W)	48	60				
Coil resistance Ω	10971	17143				

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

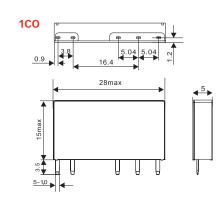
Contact Specification

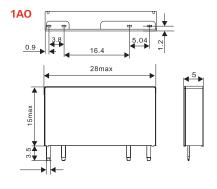
RNC1A, 1C

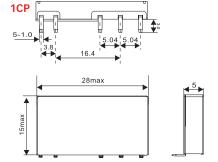


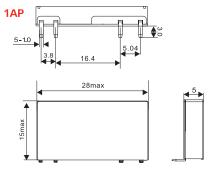


Dimensions (mm)

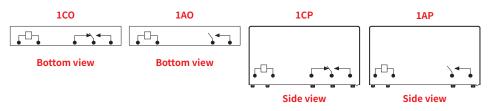








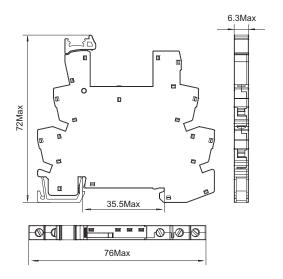
Wiring Diagrams





Characteristics							
Characteristics	Model No).	Inpu	t			Relay
	SNB05-E-	AR		6~24VDC			6~24VDC
	SNB05-E-	·A	6~24	·V			6~24VDC
	SNB05-E-	В	48V	/			24VDC
	SNB05-E-	·C	110\	/			24VDC
	SNB05-E-	·D	230	V			48VDC
	Characteristi	ics					
	Naminalland	Curren	t		Α		8
	Nominal load	Voltage)		V		300
	Dielectric Between coil and conta		ontact	V/min		4000	
100	strength	Between contacts		V/min		2500	
	Max. tightening torque			Nm	1	0.5	
ATOMORPHICAL CONTROL OF THE PROPERTY OF THE PR	Wire size			AW	G/mm ²	20-16/0.5-1.5	
AS CE	Ambient temperature			°C		-40~+85	
الما الما الما الما الما الما الما الما	Unit weight				g		19.5
CNDOE E	Accessories						
SNB05-E	Bus jumper			Legend			
	THE THE PARTY OF T			4			
	S	N20A				SN64P	<u> </u>

Dimensions (mm)

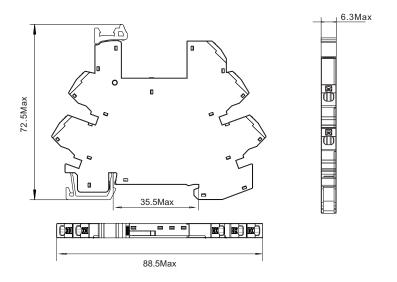






Characteristics							
Citaracteristics	Model No).	Input				Relay
	SNB05-ST-	-AR	6~24VE	C		(6~24VDC
	SNB05-ST-	-A	6~24\	/		(6~24VDC
	SNB05-ST-	-B	48V				24VDC
	SNB05-ST-	-C	110V				24VDC
	SNB05-ST-	-D	230V				48VDC
	Characteristi	ics					
200	Nominal load	Curren	t		Α		8
I I	Nominai ioad	Voltage	/oltage		V		300
25.111.0	Dielectric Between coil and co		n coil and cor	ntact	V/min		4000
A No Francisco Colo	strength	Between contacts			V/n	nin	2500
SN806-5 SNAVAR	Wire size				AW	G/mm ²	20-16/0.5-1.5
S Real Sand	Ambient temperature				°C		-40~+85
	Unit weight				g		19.5
Thress Thress	Accessories						
02.5	Bus	jumper		Legend			t
						III	
SNB05-ST	The state of the s						
					4	4	
	S	N20A				SN64P	

Dimensions (mm)

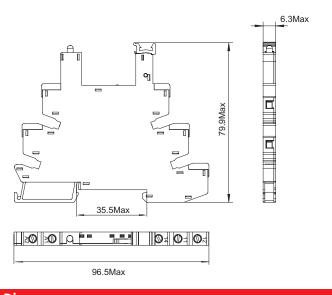




c**¶**°us C € EHE ĽK Ø

Characteristics						
	Model No.		Input		Relay	
	SNC05-E-	A	12~24V		12	2~24VDC
	SNC05-E-I	В	48~60V		48	3~60VDC
	SNC05-E-0	С	110V			60VDC
	SNC05-E-I	D	230V			60VDC
	Characteristi	ics				
	Nominal load	Current	t	Α		8
	Nominal load	Voltage)	V		300
	Dielectric	Betwee	ween coil and contact		nin	4000
	strength	Betwee	n contacts	V/n	nin	2500
AT STEPHEN WITH TO	Max. tightening torque			Nm		0.5
SNCUOTE LINE THE STATE OF THE S	Wire size			AWG/mm ² 20-16/0.5-		20-16/0.5-1.5
A2 STATE OF THE PROPERTY OF TH	Ambient temperature			°C		-40~+85
PROTECTION AS A STATE THE LIKE CE 18 AND	Unit weight			g		24
	Accessories					
	Bus jump	er	Legend		Pa	artition plate
SNC05-E					20	
	SN20B		SN64P		SN20S	

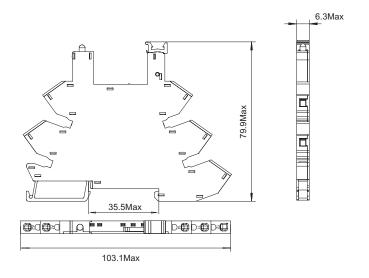
Dimensions (mm)

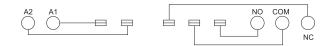




Characteristics						
	Model No.		Input		Relay	
	SNC05-S-	А	12~24V		12~24VDC	
	SNC05-S-	В	48~60V		48~60VDC	
	SNC05-S-	С	110V		60VDC	
K	SNC05-S-	D	230V		60VDC	
	Characterist	ics				
	Nominal load	Current		А	8	
•	NOMINA IDAU	Voltage		V	300	
	Dielectric Between coil and conta		n coil and contact	V/min	4000	
and the same of th	strength Betw		n contacts	V/min	2500	
AI AIO PRODUCTION OIL NO	Wire size			AWG/mm ² 20-16/0.5-1.5		
Shorter with Coll	Ambient temperature			°C	-40~+85	
SNCOP	Unit weight			g	25	
- Salis Ell CH	Accessories					
	Bus jump	er	Legend		Partition plate	
SNC05-S					20	
	SN20B		SN64P		SN20S	

Dimensions (mm)







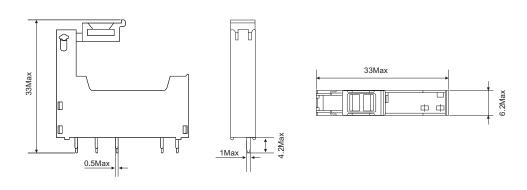
Characteristics

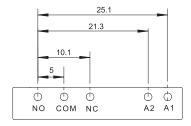


Nominal load	Current	А	8
INOTHINAL IOAU	Voltage	V	300
Dielectric	Between coil and contact	V/min	4000
strength	Between contacts	V/min	2500
Wire size		AWG/mm ²	20-16/0.5-1.5
Ambient temperature		℃	-40~+85
Unit weight		g	2.6

SNC05-P

Dimensions (mm)



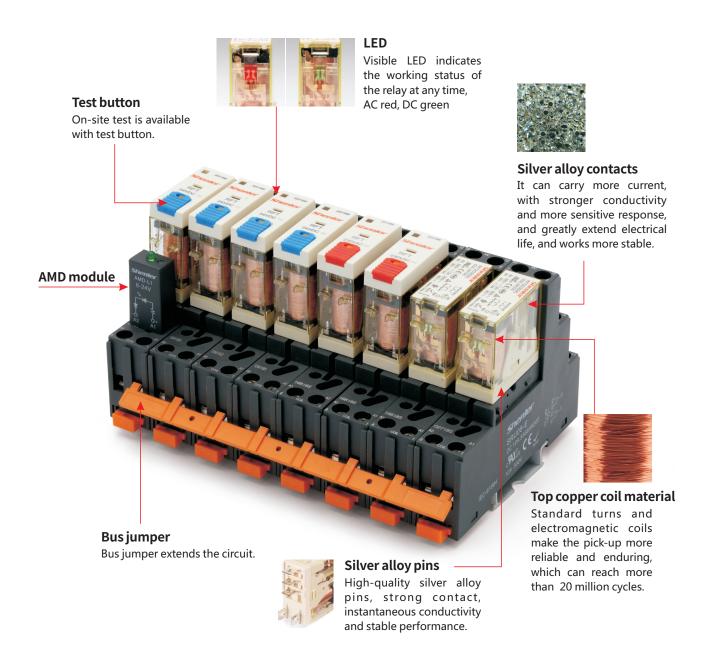


Selection manual of industrial control relay

RFT

Interface Relay

- 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

















Interface Relay















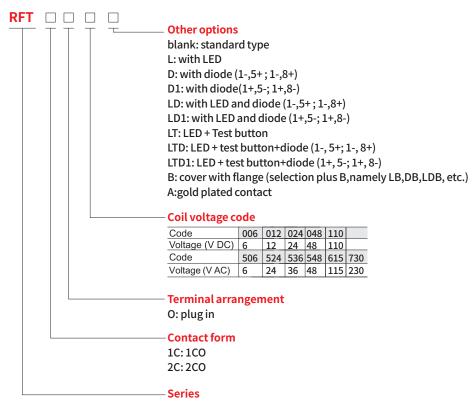
Relay



Socket



Relay module



Charac	cteristics						
	Configurat	ion	1C	2C			
	1 1	Resistance	12A/250VAC, 30VDC	8A/250VAC, 30VDC			
	Load	Motor load	1/3HP, 240VAC	1/6HP, 240VAC			
	Max. switc	hing capacity (resistive)	3000VA, 360W	2000VA, 240W			
Contact	Min. switch	ning capacity	170mW(17V/10mA)				
Contact	Initial conta	act resistance	≤50mΩ				
	Material		Ag alloy				
	Electrical do	urability (high temp., frequency ff)	≥20 x 10⁴Cycles (1800	Ops/h)			
	Electrical do	urability (normal temp., frequency	≥30 x 10⁴Cycles(600 Ops/h)				
	Mechanica	l durability	≥2000 x 10 ⁴ Cycles (18000 Ops/h)				
Pick-up \	oltage (23°C	C) (Rated voltage)	DC:≤75% ,AC:≤80% 50/60Hz				
Drop-out	voltage (23°	°C) (Rated voltage)	DC:≥10% ,AC:≥30% 50/60Hz				
Maximun	n voltage (23	3°C)(Rated voltage)	110%				
Insulation	n resistance		≥1000MΩ (500VDC)				
Coil oper	ating power	DC(W)	approx. 0.53				
	ating power	AC(VA)	approx. 1.0				
Operate	time (at nom	ninal voltage)	≤20ms				
Release	time (at nom	ninal voltage)	≤10ms				
Initial bre	akdown	Between open contacts	1000VAC/1min (leakag	ge current 1mA)			
voltage	andown	Between poles	3000VAC/1min (leakag	ge current 1mA)			
voltage		Between contacts and coil	5000VAC/1min (leakage current 1mA)				
Insulation	n	Rated voltage	250VAC				
characte	ristics	Pollution level	3				
IEC 6066	64 UL840	Overvoltage level	III				
Impulse	withstand vo	ltage (waveform: 1.2/50µs)	4000V				

Selection manual of industrial control relay

RFT

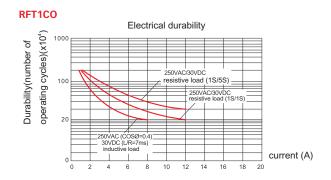
Interface Relay

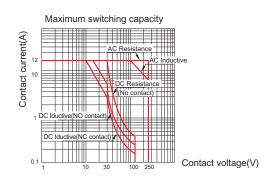
Protection level	IP20
Storage temperature/ humbidity	55~+85°C/5%~68%RH(18 months)
Working temperature/ humbidity	-40~+55°C/5%~85%RH((No condensation)
Air pressure	86~106KPa
Shock resistance	10G (half-sine shock pulse: 11ms)
Vibration resistance	10~55Hz double-amplitude:1.0mm
Mounting	plug in
Unit weight	approx. 18g

Coil Specifications (23°C)						
Nominal voltage V.DC	6	12	24	48	110	
Coil resistance Ω	68	270	1100	4300	22800	
Nominal voltage V.AC	6	12	24	48	115	230
Coil resistance Ω	16	63	240	1085	6300	23000

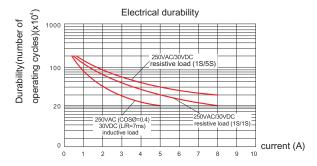
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

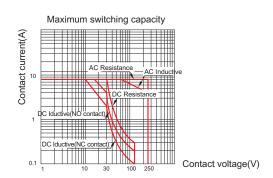
Contact Specification





RFT2CO



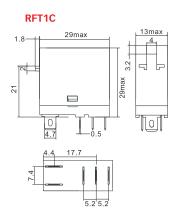


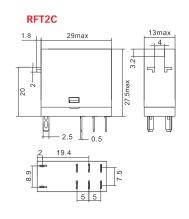
Selection manual of industrial control relay

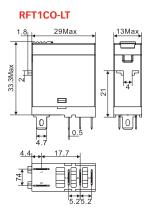
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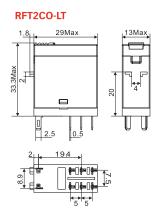
Interface Relay

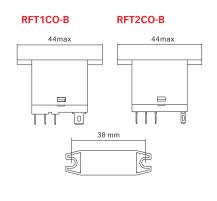
Dimensions (mm)











Wiring Diagrams



















RFT1COLD/LTD DC





RFT1COLD1/LTD1

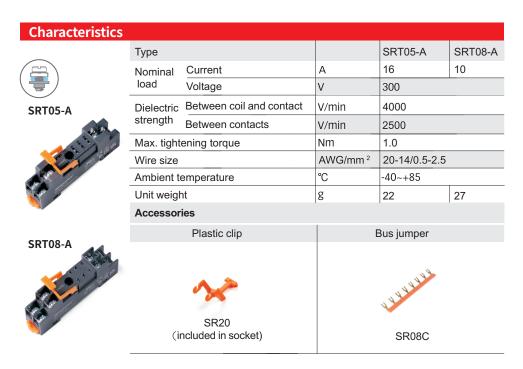




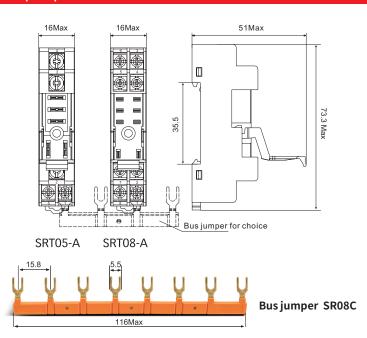
SRT05-A&SRT08-A

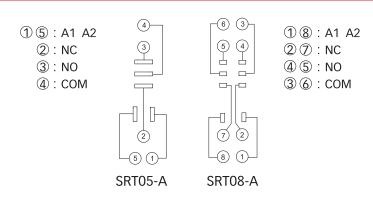
RFT Socket





Dimensions (mm)

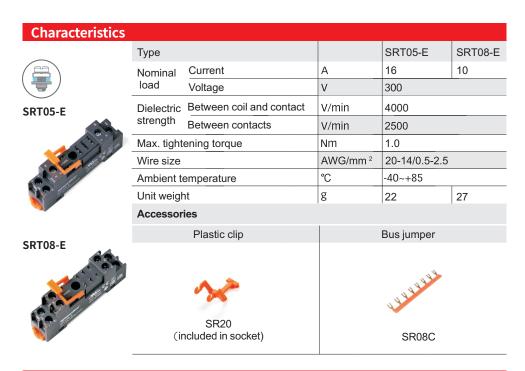




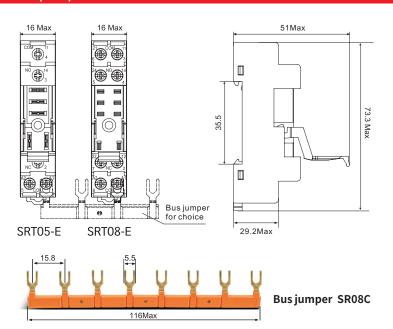
SRT05-E&SRT08-E

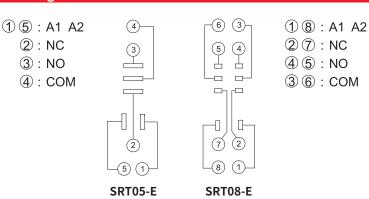
RFT Socket





Dimensions (mm)

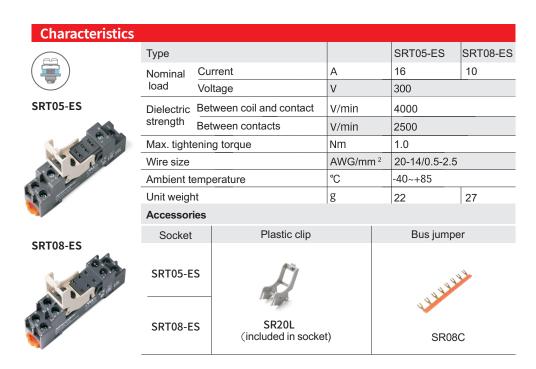




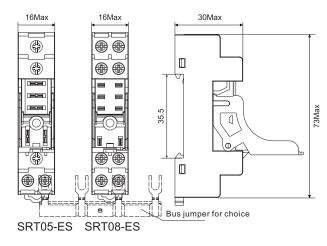
SRT05-ES&SRT08-ES

RFT Socket

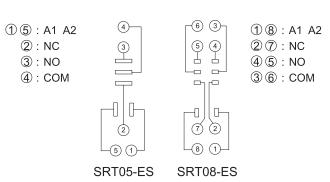




Dimensions (mm)







SRU05-E&SRU08-E

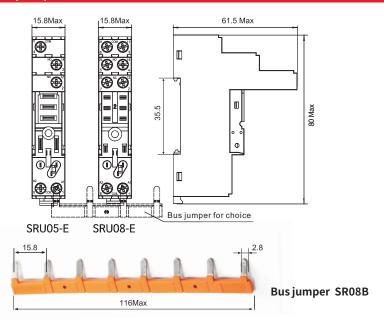
RFT Socket

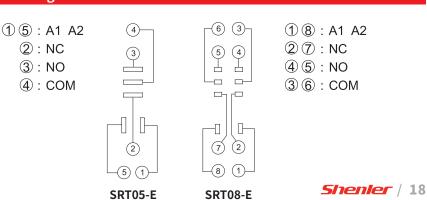




★ SR27M is for relay with no test button; SR320M is for relay with test button.

Dimensions (mm)

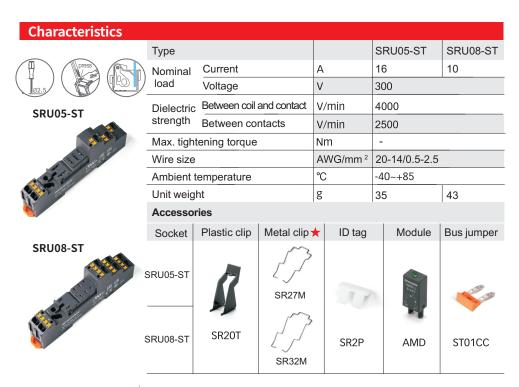




SRU05-ST&SRU08-ST

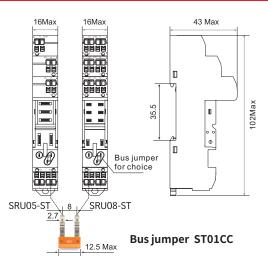
RFT Socket

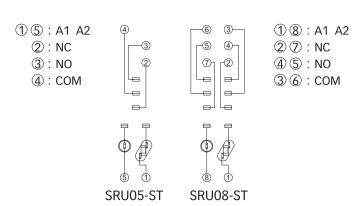




[★] SR27M is for relay with no test button; SR320M is for relay with test button.

Dimensions (mm)





SRT05-P&SRT08-P&

RFT Socket

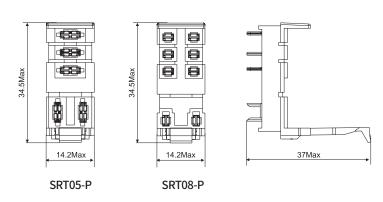


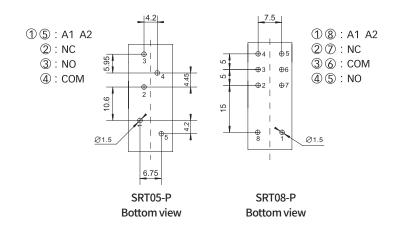
Characteristics Туре SRT05-P SRT08-P SRT05-P Α 16 10 Nominal load Current Voltage 300 Dielectric V/min 4000 Between coil and contact strength Between contacts V/min 2500 Ambient temperature °C -40~+85 Unit weight g

SRT08-P



Dimensions (mm)



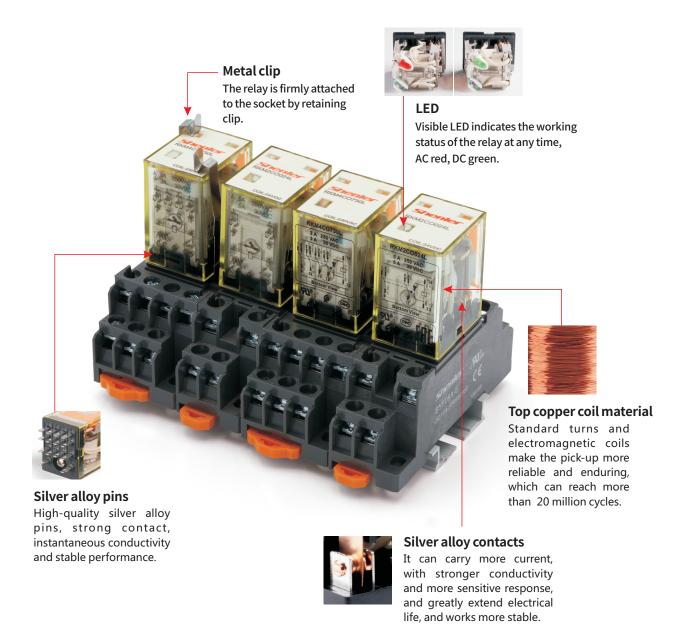


Selection manual of industrial control relay

RKM

Miniature General Purpose Relay

- 2 poles 5A, 4 poles 3A
- With LED integrated in relay
- With inspection window
- Shenler industrial relays are widely used in the output signal and safety drive of PLC, CNC system, robot, intelligent manufacturing and other control systems. It is the best choice to realize remote control, production and processing, packaging, transportation, testing, storage and other equipment and automatic assembly lines.





RKM

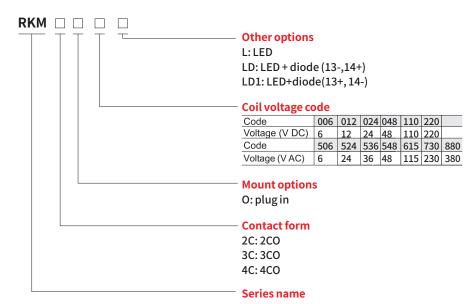
Miniature General Purpose Relay





Relay







Socket



Relay module

Characterist	ics					
	Configu	uration	2C/3C	4C		
	Load	Resistance	5A/250VAC, 30VDC	3A/250VAC, 30VDC		
	Load	Motor load	1/3HP, 240VAC	1/6HP, 240VAC		
	Max. sv	witching capacity (resistive)	1250VA, 150W	750VA, 90W		
Contact	Min. sw	vitching capacity	170mW(17V/10mA)			
Contact	Initial c	ontact resistance	≤50mΩ			
	Materia	al	Ag alloy			
	Electric	cal durability	≥10 x 10 ⁴ Cycles (1800 (Ops/h)		
	Mechai	nical durability	≥2000 x 10 ⁴ Cycles (180	000 Ops/h)		
Pick-up voltage	(23°C) (F	Rated voltage)	DC:≤75%, AC:≤80% 50	0/60Hz		
Drop-out voltage	(23°C) ((Rated voltage)	DC:≥10%, AC:≥30% 50	0/60Hz		
Maximum voltag	e (23℃)	(Rated voltage)	110%			
Insulation resista	ance		≥500MΩ (500VDC)			
Coil operating po	Coil operating power DC(W)		approx. 0.9			
-	AC(VA)			approx. 1.2		
Operate time&R	Operate time&Release time (at nominal voltage)			≤20ms		
Initial breakdowr	1 —	etween open contacts	1000VAC/1min (leakage current 1mA)			
voltage	_Be	etween poles	2000VAC/1min (leakage current 1mA)			
	Between contacts and coil		2000VAC/1min (leakag	ge current 1mA)		
Insulation	Ra	ated voltage	250VAC			
characteristics		ollution level	3	2		
IEC 60664 UL8		vervoltage level	III	II		
	id voltag	e (waveform: 1.2/50us)	4000V			
Protection level			IP20			
Storage tempera			-55~+85°C/ ≤85%RH (18 months)			
Working temperature/ humidity			-55~+70°C/ 5%~85%RH 86~106KPa	(No condensation) ★		
Air pressure	Air pressure					
Shock resistance			10G (half-sine shock pulse: 11ms)			
Vibration resista	nce		10~55Hz double-ampli	tude:1.0mm		
Mounting			plug in			
Unit weight			approx. 35g			

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

Selection manual of industrial control relay

Miniature General Purpose Relay

Coil Specifications (23°C)							
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	40	180	640	2600	13000	42000	
Nominal voltage V.AC	6	24	36	48	115	230	380
Coil resistance Ω	11.5	180	370	640	4430	16500	42000

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

Contact Specification RKM2CO Electrical durability contacts Maximum switching capacity Contact current(A) operating cycles)(x104) Durability(number of 5 250VAC/30VDC resistive load(1S/1S) 0.5 250VAC (COSØ=0.4) inductive load current (A) 0.1 Contact voltage(V) 200 300 **RKM4CO** Electrical durability contacts Maximum switching capacity Contact current(A) operating cycles)(x104) 10 1000 Durability(number of 100 250VAC/30VDC resistive load(1S/1S) 0.5 250VAC (COSØ=0.4) DC resistive load current (A) 0.1 L

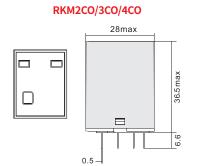
200 300

Selection manual of industrial control relay

RKM

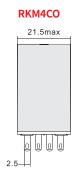
Miniature General Purpose Relay

Dimensions (mm)

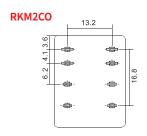


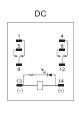


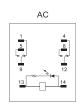


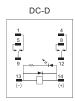


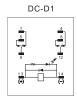
Wiring Diagrams

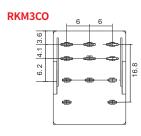


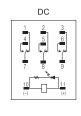


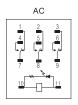


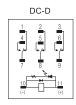


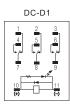


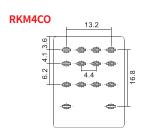


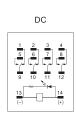


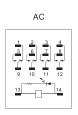


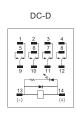


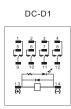






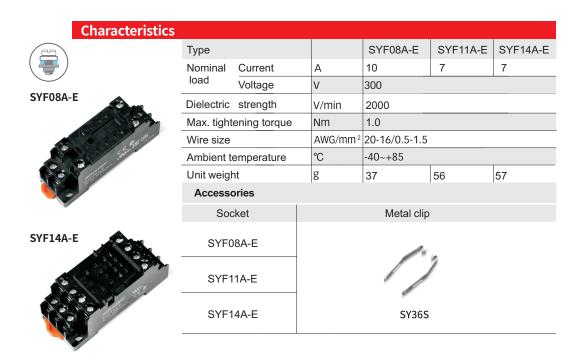




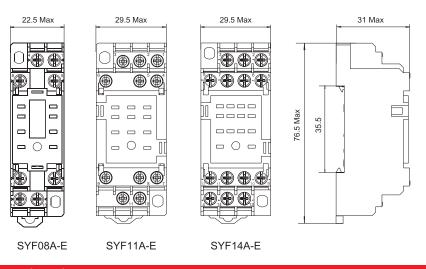


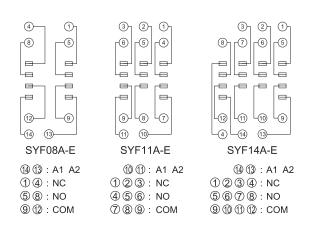
SYF08A-E & SYF11A-E





Dimensions (mm)



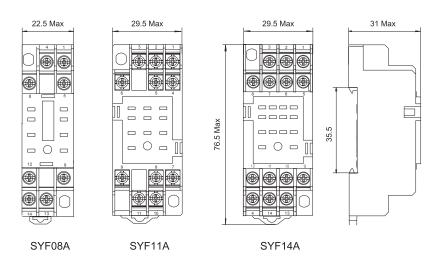


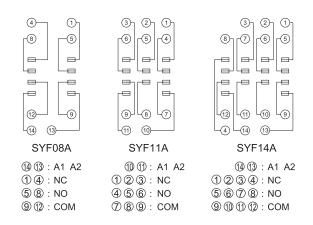
SYF08A & SYF11A & SYF14A RKM Socket





Dimensions (mm)



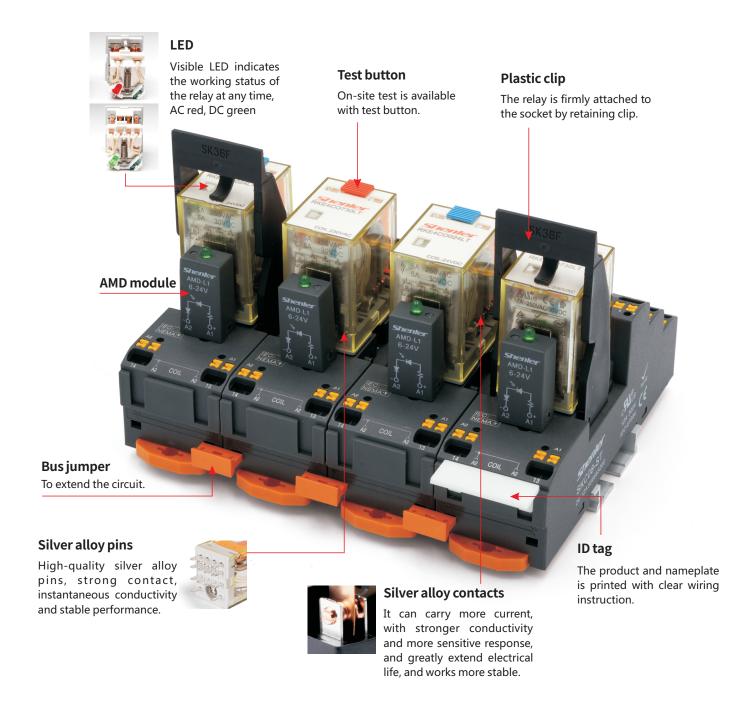


Selection manual of industrial control relay

RKE

Miniature General Purpose Relay

- 2 poles 7A; 4 poles 5A
- 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





RKE

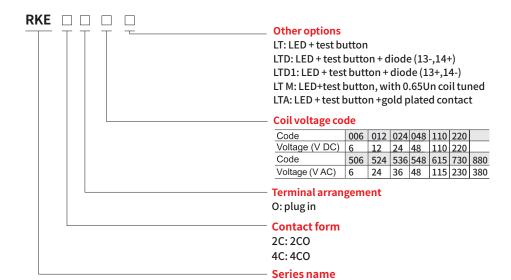
Miniature General Purpose Relay





Relay







Socket





Relay module

Chara	cteristics					
1	Configuration	า	2C	4C		
	Load	Resistance	7A/250VAC, 30VDC	5A/250VAC, 30VDC		
		Motor load	1/6HP, 240VAC			
	Max. switching	ng capacity (resistive)	1750VA, 210W	1250VA, 150W		
Contact	Min. switchin	ig capacity	170mW(17V/10mA)			
Contact	Initial contac	t resistance	≤50mΩ			
	Material		Ag alloy			
	Electric dura	bility(110%rated voltage, 55°C)	≥20 x 10 ⁴ Cycles (1800 Ops/h)			
	Electric dura	bility (Normal temperature)	≥40x 10⁴Cycles (360 Ops/h)			
	Med	chanical durability	≥2000 x 10 ⁴ Cycles (18000 Ops/h)			
Pick-up	voltage (23°C	(Rated voltage)	DC:≤75%, AC:≤80% 50/60Hz			
Drop-ou	t voltage (23°	C) (Rated voltage)	DC:≥10%, AC:≥30% 50/60Hz			
Maximu	m voltage (23	°C) (Rated voltage)	110%			
Insulatio	n resistance		≥500MΩ (500VDC)			
Coil ope	rating power	DC(W)	approx. 0.9			
		AC(VA)	approx. 1.2			
Operate	time&Releas	e time (at nominal voltage)	≤20ms			
Initial br	eakdown	Between open contacts	1000VAC/1min (leakag	ge current 1mA)		
voltage		Between poles	2000VAC/1min (leakage current 1mA)			
		Between contacts and coil	2000VAC/1min (leakage current 1mA)			
Insulation	n	Rated voltage	250VAC			
characte	eristics	Pollution level	3			
IEC 606	64 UL840	Overvoltage level	III			
Impulse	withstand vo	ltage (waveform: 1.2/50μs)	4000V			
Protection	on level		IP20			
Storage	Storage temperature/ humidity		-55~+85°C/ ≤85%RH (18 months)			
Working	Working temperature/ humidity		-55~+70°C/ 5%~85%RH (No condensation)			
Air pres	Air pressure		86~106KPa			
Shock resistance		10G (half-sine shock pulse: 11ms)				
Vibratio	Vibration resistance		10~55Hz double-amplitude:1.0mm			
Mountin	g		plug in			
Unit wei	ght		approx. 35g			

Selection manual of industrial control relay

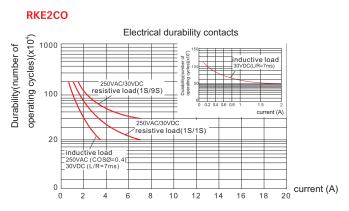
RKE

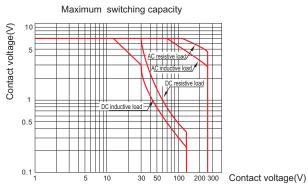
Miniature General Purpose Relay

Coil Specifications (23)	°C)						
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	40	180	640	2600	13000	42000	
Nominal voltage V.AC	6	24	36	48	115	230	380
Coil resistance Ω	11.5	180	370	640	4430	16500	42000

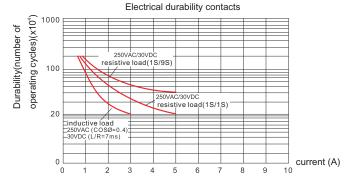
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

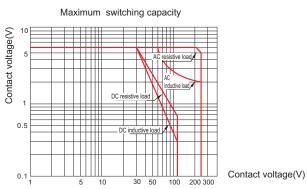
Contact Specification





RKE4CO





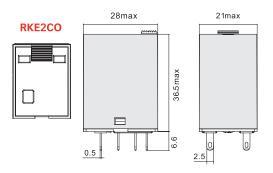
Note: These are typical curves, actual durability depends on load, environment, duty cycle, etc

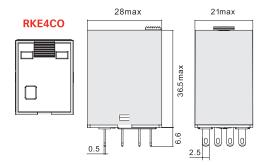
Selection manual of industrial control relay

RKE

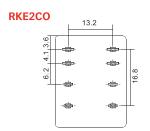
Miniature General Purpose Relay

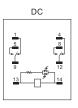
Dimensions (mm)

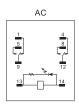


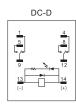


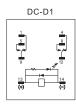
Wiring Diagrams

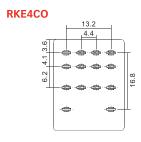


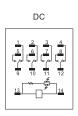


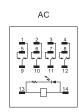


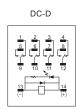


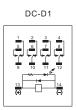












RKE-LS Sealed Power Relay

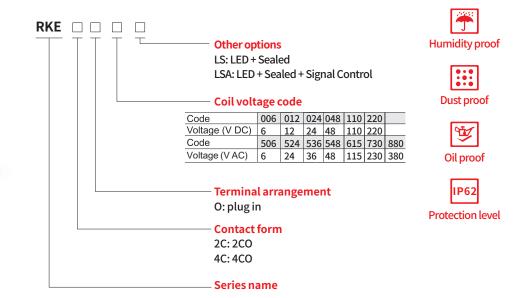






Relay







Socket



Relay module

 Good performance in 	bad working condition, especially in much oi	l, dust, humidity places 🏚 1p62
◆ 2 poles7A; 4 poles 5A	● With non-polarity LED integrated in relay	◆ Conformity with RoHs Directive

Characteristic	S					
Configurat	ion	2C	4C			
Load	Resistance	7A/250VAC, 30VDC	5A/250VAC, 30VDC			
	Motor load	1/6HP, 240VAC				
Max. switch	ching capacity (resistive)	1750VA, 210W	1250VA, 150W			
Contact Min. switch	ning capacity	170mW(17V/10mA)				
	act resistance	≤50mΩ				
Material		Ag alloy				
Electrical d	urability(110%rated voltage, 55°C)	≥20 x 10 ⁴ Cycles (1800 Ops/h)				
Electrical	durability (Normal temperature)	≥40 x 10 ⁴ Cycles (360 C)ps/h)			
N	Mechanical durability	≥2000 x 10 ⁴ Cycles (18000 Ops/h)				
Pick-up voltage (23	8°C) (Rated voltage)	DC:≤75%, AC:≤80% 50/60Hz				
Drop-out voltage (2	23°C) (Rated voltage)	DC:≥10%, AC:≥30% 50/60Hz				
Maximum voltage (Maximum voltage (23°C) (Rated voltage)		110%			
Insulation resistance	ce	≥500MΩ (500VDC)				
Coil operating power	er DC(W)	approx. 0.9				
	AC(VA)	approx. 1.2				
Operate time&Rele	ease time (at nominal voltage)	≤20ms				
Initial breakdown	Between open contacts	1000VAC/1min (leakag	ge current 1mA)			
voltage	Between poles	2000VAC/1min (leakage current 1mA)				
	Between contacts and coil	2000VAC/1min (leakage current 1mA)				
Insulation	Rated voltage	250VAC				
characteristics	Pollution level	3	2			
IEC 60664 UL840	Overvoltage level	III				
Impulse withstand	voltage (waveform: 1.2/50µs)	4000V				
Protection level		IP62				
Storage temperature/ humidity		-20~+85°C/ ≤85%RH (18 months)				
Working temperatu	Working temperature/ humidity		-55~+70°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. 35g				

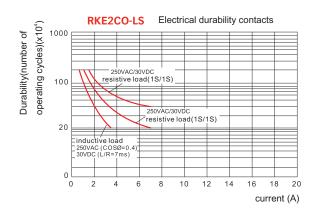
RKE-LS

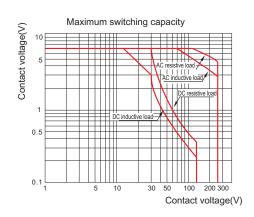
Sealed Power Relay

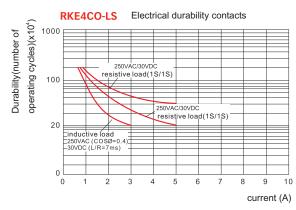
Coil Specifications (23°C)							
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	40	180	640	2600	13000	42000	
Nominal voltage V.AC	6	24	36	48	115	230	380
Coil resistance Ω	11.5	180	370	640	4430	16500	42000

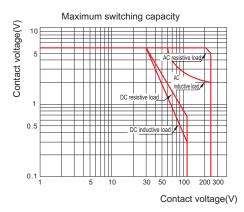
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

Contact Specification

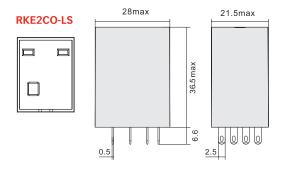


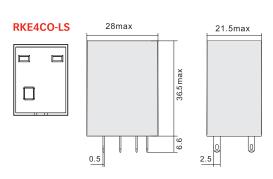






Dimensions (mm)



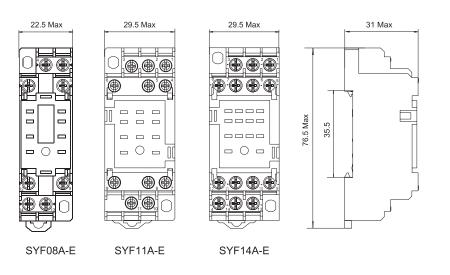


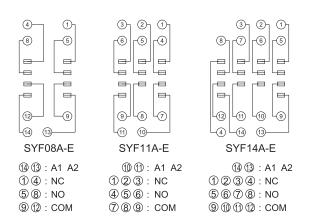
SYF08A-E & SYF11A-E & SYF14A-E RKE Socket





Dimensions (mm)



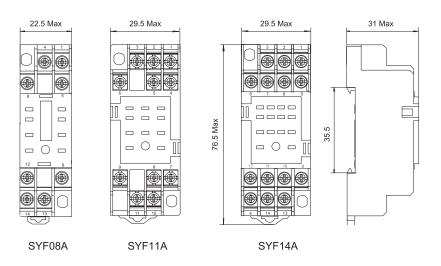


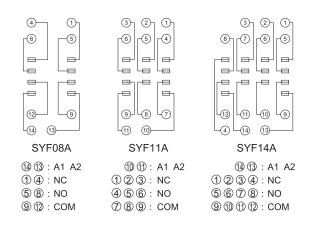
SYF08A & SYF11A & SYF14A RKE Socket





Dimensions (mm)





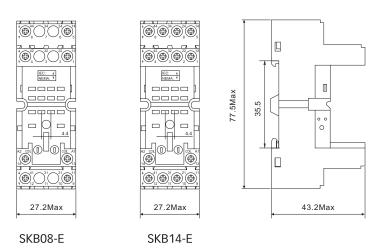
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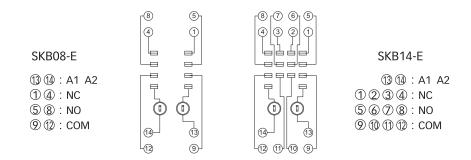
RKE Socket





Dimensions (mm)



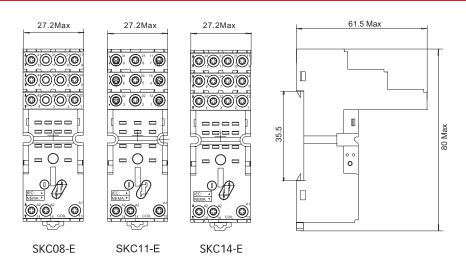


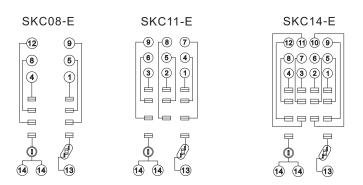
SKC08-E & SKC11-E & SKC14-E RKE Socket





Dimensions (mm)





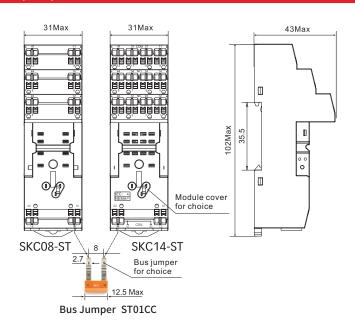
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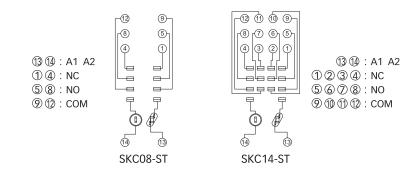
RKE Socket





Dimensions (mm)

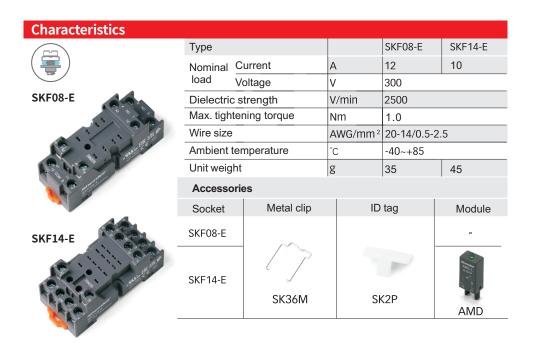




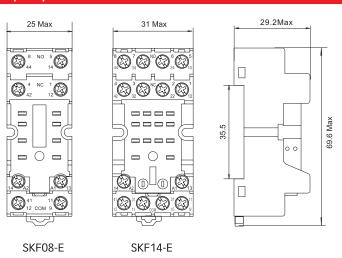
SKF08-E & SKF14-E

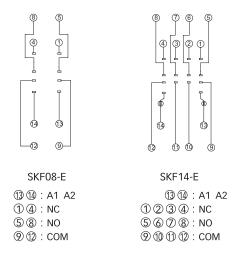
RKE Socket





Dimensions (mm)

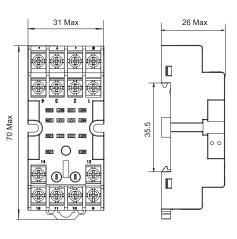




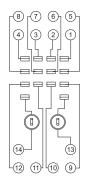


Characteristics					
	Туре			SKF14-A	
(RA)	Nominal C	urrent	А	10	
(🚘)	load _{Vo}	oltage	V	300	
SVE14.A	Dielectric s	trength	V/min	2500	
SKF14-A	Max. tighter	ning torque	Nm	1.0	
	Wire size		AWG/mm ²	20-14/0.5-2.5	
	Ambient ten	mperature	°C	-40~+85	
	Unit weight		g	42.9	
	Accessories				
	Socket	Metal clip	ID tag	Module	
	SKF14-A	SK36M	SK2P	AMD	

Dimensions (mm)



Connection Diagrams



(3) (4): A1 A2 (1) (2) (3) (4): NC (5) (6) (7) (8): NO (9) (1) (1) (2): COM

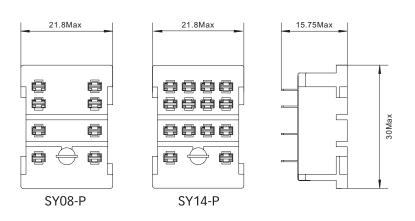
SY08-P & SY14-P

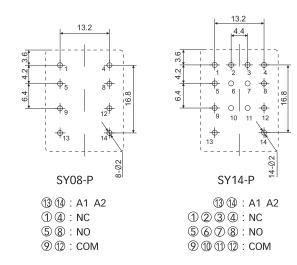
RKE Socket



Characteristics						
	Туре			SY08-P	SY14-P	
SY08-P	Nominal	Current	А	10	6	
3100-P	load Voltage		V	300		
	Dielectric	strength	V/min_	2000		
· · · · ·	Ambient to	emperature	°C	-40~+85		
SAGP OF CE	Unit weight		g	7	7	
	Accessories					
	Socket		Metal c	lip		
SY14-P	SY08-P		\wedge	>		
Money of the Park	SY14-P	SY36M				

Dimensions (mm)

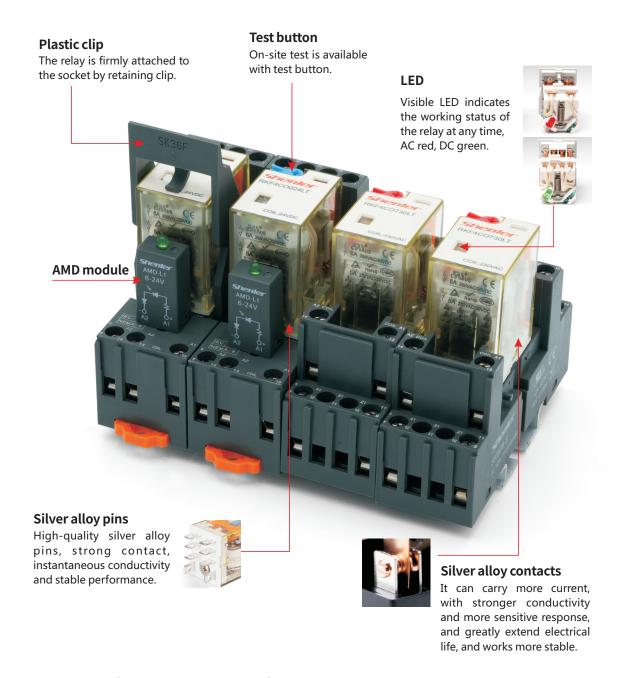




RKF

Miniature General Purpose Relay

- 2 poles 12A; 4 poles 6A
- 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
- Gold plated contacts optional





RKF

Miniature General Purpose Relay





Relay



Socket





Relay module

op $ op$ $ op$ $ op$ $ op$	Other options					
	LT: LED + test button					
	LTD: LED + test button + diode (13-,14+)					
	LTD1: LED + test button + diode (13+,14-) LTA: LED + test button + gold plated contact LTDA: LED + test button + diode+gold plated contact LT M: LED+test button, with 0.65Un coil tuned Coil voltage code					
	Code 006 012 024 048 110 220					
	Voltage (V DC) 6 12 24 48 110 220					
	Code 506 524 536 548 615 730 880					
	Voltage (V AC) 6 24 36 48 115 230 380					
	— Terminal arrangement					
	O: plug in					
	— Contact form					
	2C: 2CO					
	4C: 4CO					
						

		Series name				
Characterist	ics					
Configu	ration	2C	4C			
Load	Resistance	12A/250VAC, 30VDC	6A/250VAC, 30VDC			
	Motor load	1/3HP, 240VAC	1/6HP,240VAC			
Max. sv	ritching capacity (resistive)	3000VA, 360W	1500VA, 180W			
Min. sw	tching capacity	170mW(17V/10mA); LT	A: 500mW(5V/100mA)			
Contact Initial co	ontact resistance	≤50mΩ				
Materia		Ag alloy				
Electric	durability(110%rated voltage, 55°C)	≥20 x 10 ⁴ Cycles (1800	Ops/h)			
Electric	durability (Normal temperature)	≥40 x 10 ⁴ Cycles (360 C	ps/h)			
Mechan	ical durability	≥2000 x 10 ⁴ Cycles (180	000 Ops/h)			
Pick-up voltage	23°C) (Rated voltage)	DC:≤75%, AC:≤80% 5	0/60Hz			
Drop-out voltage	(23°C) (Rated voltage)	DC:≥10%, AC:≥30% 50/60Hz				
Maximum voltag	Maximum voltage (23°C) (Rated voltage)		110%			
Insulation resista	ince	≥1000MΩ (500VDC)				
Coil operating po	DC(W)	approx. 0.9				
Con operating po	AC(VA)	approx. 1.2				
Operate time&R	elease time (at nominal voltage)	≤20ms				
Initial breakdowr	Between open contacts	1000VAC/1min (leakag	ge current 1mA)			
voltage	Between poles	2000VAC/1min (leakag	ge current 1mA)			
voitage	Between contacts and coil	2000VAC/1min (leakag	ge current 1mA)			
Insulation	Rated voltage	250VAC				
characteristics	Pollution level	3	2			
IEC 60664 UL8	40 Overvoltage level	III	II			
Impulse withstar	d voltage (waveform: 1.2/50µs)	4000V				
Protection level		IP20				
Storage tempera	Storage temperature/ humidity		-55~+85°C/ ≤85%RH (18 months)			
Working temperature/ humidity		-55~+70°C/ 5%~85%RH (No condensation)				
Air pressure	Air pressure		86~106KPa			
Shock resistance	9	10G (half-sine shock pulse: 11ms)				
Vibration resista	nce	10~55Hz double-amplitude:1.0mm				
Mounting		plug in				
Unit weight		approx. 35g				

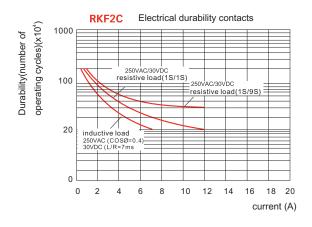
RKF

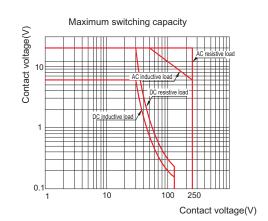
Miniature General Purpose Relay

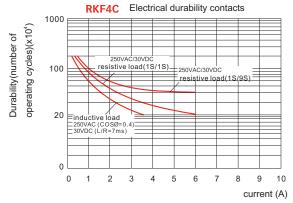
Coil Specifications (23°C	:)						
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	40	180	640	2600	13000	42000	
Nominal voltage V.AC	6	24	36	48	115	230	380
Coil resistance Ω	11.5	180	370	640	4430	16500	42000

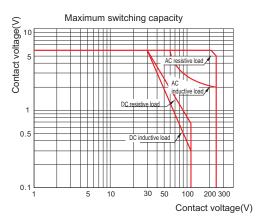
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

Contact Specification







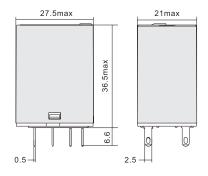


RKF

Miniature General Purpose Relay

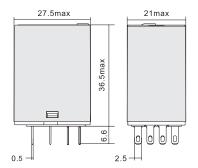
Dimensions (mm)





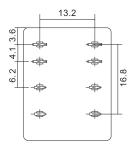


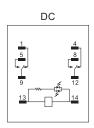
RKF4CO

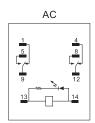


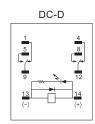


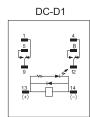
Wiring Diagrams



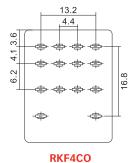


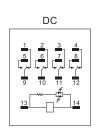


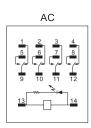


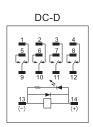


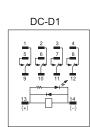
RKF2CO







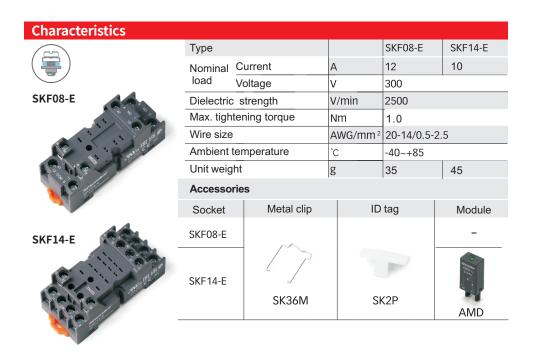




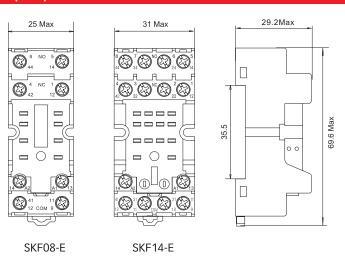
SKF08-E & SKF14-E

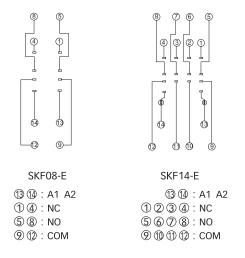
RKF Socket





Dimensions (mm)





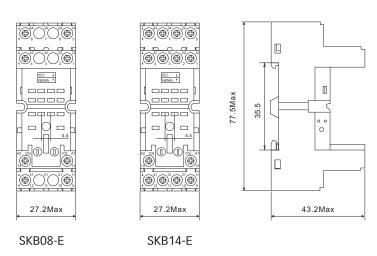
SKB08-E & SKB14-E

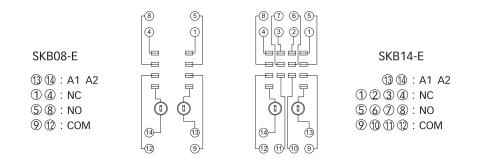
RKF Socket





Dimensions (mm)





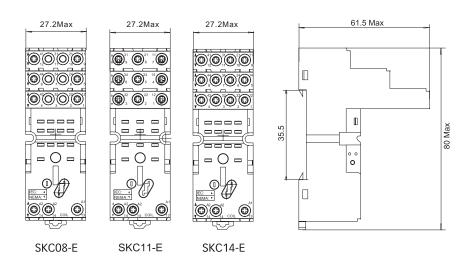
SKC08-E & SKC14-E

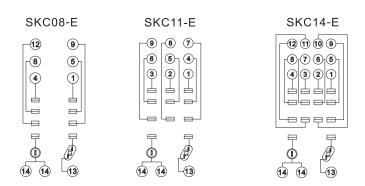
RKF Socket





Dimensions (mm)





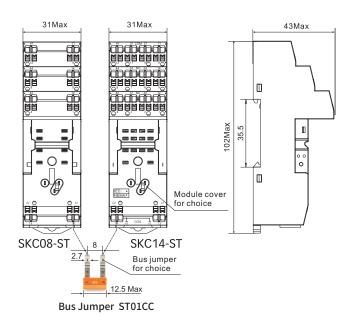
SKC08-ST & SKC14-ST

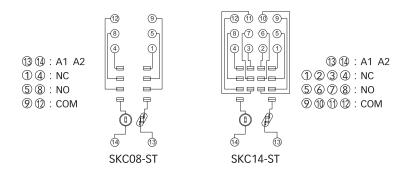
RKF Socket





Dimensions (mm)





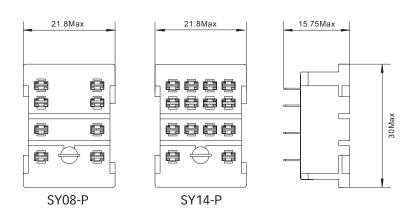
SY08-P & SY14-P

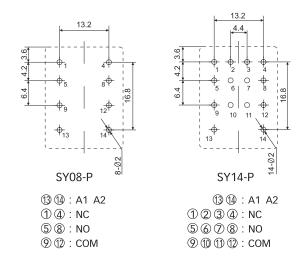
RKF Socket





Dimensions (mm)





Magnetic Blow-out Power Relay



Relay





Socket

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Relay module

LT S LTD LTD LTM	il voltage coc	t buttor st butto button	n +diod n + diod , with 0	e (13 - de (13 .65Un	+,14 coil tu	-
Coc		006 012				
	tage (V DC) 6		24 48		220	22
Coc	-	506 524		_	730 8	
Volt	tage (V AC)	5 24	36 48	115	230 3	80
	minal arrang plug in	gemen	t			
	ntact form 2CO					
Ser	ries name					

- Good performance for motor load application. With non-polarity LED, lockable test and inspection window
- Identification of coil through test button color (AC red / DC blue)

Char	etorictics					
Chara	Configuration	~	2C			
	Configuratio					
		Resistance	15A/250VAC 30VDC (NO:15A, NC:7.5A); 10A 60VDC			
		Motor load	1/3HP, 240VAC			
	Switching ca	apacity (resistive)	3750VA, 600W			
Contact	Switching ca	apacity (perceptual)	2500VA, 90W			
Contact	Min. switchir	ng capacity	170mW(17V/10mA)			
	Initial contact	ct resistance	≤50mΩ			
	Material		Ag alloy			
	Electric dura	ability(110%rated voltage, 55°C)	≥10 x 10 ⁴ Cycles(NO:15A, NC:7.5A); ≥20 x 10 ⁴ Cycles (NO/NC:12A)			
	Me	chanical durability	≥2000 x 10 ⁴ Cycles (18000 Ops/h)			
Pick-up	voltage (23°C	C) (Rated voltage)	DC:≤75%, AC:≤80% 50/60Hz			
Drop-ou	ut voltage (23	°C) (Rated voltage)	DC:≥10%, AC:≥30% 50/60Hz			
Maximu	ım voltage (23	3℃) (Rated voltage)	110%			
Insulation	on resistance		≥1000MΩ (500VDC)			
Coil ope	erating power	DC(W)	approx. 0.9			
		AC(VA)	approx. 1.2			
Operate	e time&Releas	se time (at nominal voltage)	≤20ms			
Initial b	reakdown	Between open contacts	1000VAC/1min (leakage current 1mA)			
voltage		Between poles	2000VAC/1min (leakage current 1mA)			
		Between contacts and coil	2000VAC/1min (leakage current 1mA)			
Insulation	on	Rated voltage	250VAC			
charact	eristics	Pollution level	3			
IEC 606	664 UL840	Overvoltage level	III			
Protecti	on level		IP20			
Storage	temperature	/ humidity	-25~+85°C/ ≤85%RH (18 months)			

RKF

Magnetic Blow-out Power Relay

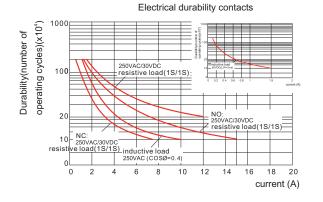
Working temperature/ humidity	-55~+70°C/ 5%~85%RH (No condensation)
Air pressure	86~106KPa
Shock resistance	10G (half-sine shock pulse: 11ms)
Vibration resistance	10~55Hz double-amplitude:1.0mm
Mounting	plug in
Unit weight	approx. 35g

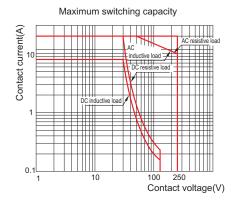
Coil Specifications (23°C)						
Nominal voltage V.DC	6	12	24	48	110	
Coil resistance Ω	40	180	640	2600	13000	
Nominal voltage V.AC	6	12	24	48	115	230
Coil resistance Ω	11.5	180	370	640	4430	16500

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

Contact Specification

RKF2CO



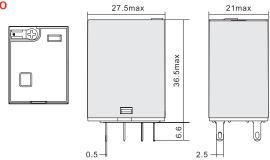


RKF

Magnetic Blow-out Power Relay

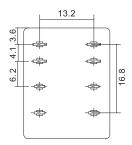
Dimensions (mm)

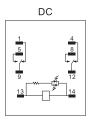


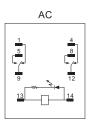


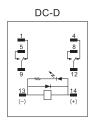
Wiring Diagrams

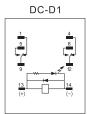
RKF2CO











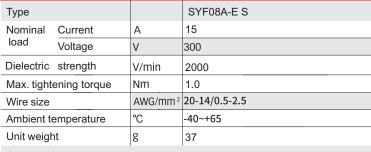
RKF Magnetic Blow-out Power Relay Socket

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Characteristics



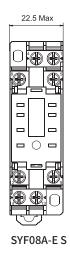
SYF08A-E S

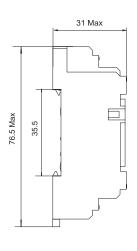




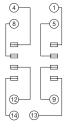
Unit weight	g	37
Accessories		
Socket		Metal clip
SYF08A-E S		SY36S

Dimensions (mm)





Connection Diagrams



(1) (1) : A1 A2 (1) (4) : NC (5) (8) : NO (9) (1) : COM

SYF08A-E S

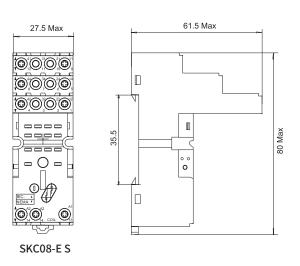
SKC08-ES

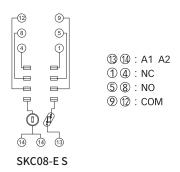
RKF Magnetic Blow-out Power Relay Socket

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Characteristics						
	Type				SKC08-E S	
	Nominal	Current	А		15	
\(\overline{\pi}\)	load	Voltage	V		300	
	Dielectric	Between coil and cor	ntact V/mir	1	4000	
	strength	Between contac	ts V/mir	1	2500	
SKC08-E S	Max. tigh	tening torque	Nm		-	
	Wire size			mm²	20-16/0.5-1.5	
	Ambient temperature				-40~+85	
	Unit weight				50	
	Accesso	ries				
	Socket	Plastic clip	Metal c	lip	ID tag	Module
	SKC08-E S	SK36F	SK36N	> vi	SK4P	AMD

Dimensions (mm)

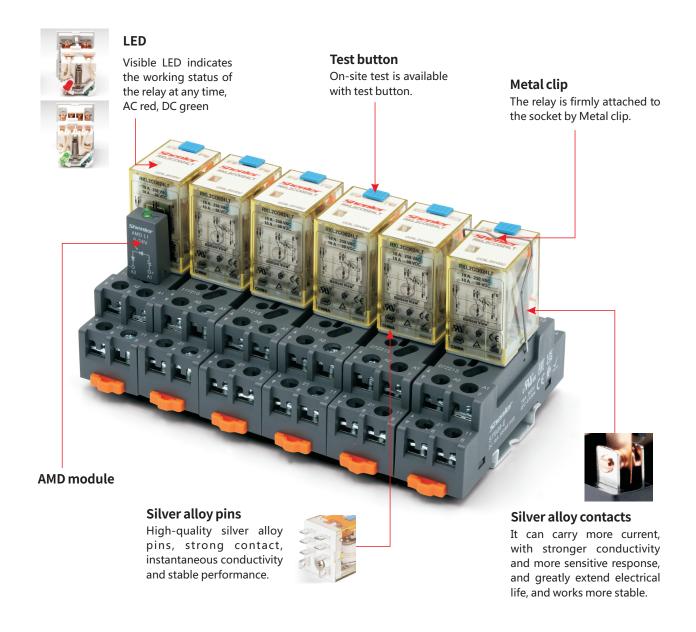




RKL

Miniature Power Relay

- 1 pole 16A; 2,3,4 poles 10A
- 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





RKL

Miniature Power Relay





Relay

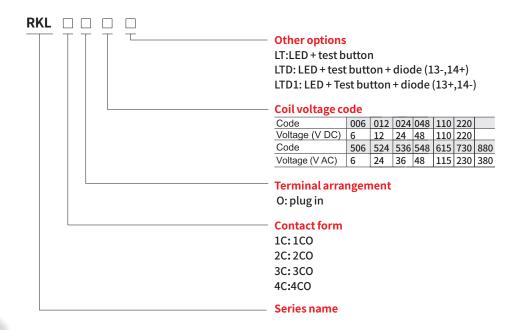




Socket



Relay module



Chara	cteristi	cs						
	Configur	ation	1C		2C	3	3C	4C
		Resistance	16A/250VAC 30	VDC	15A/250	VAC 30VDC		
	Load	Motor load	16A/250VAC 30VDC 1/2HP, 120VAC, 1HP, 240VAC 1/3HP 240VAC 1/3HP 240VAC 1/6HP 24 stive) 4000VA, 480W 2500VA, 300W 170mW(17V/10mA) ≤50mΩ Ag alloy 1C/3C/4C: ≥10 x 10⁴Cycles(1800 Ops/h), 2C: ≥20 x 10⁴Cycles(1800 Ops/h) ≥1000 x 10⁴Cycles (1800 Ops/h) DC:≤75%, AC:≤80% 50/60Hz DC:≥10%, AC:≥30% 50/60Hz 110% ≥500MΩ (500VDC) approx. 0.9 approx. 0.9 approx. 1.4 approx. 1.2 approx. 1.2 approx. 20ms ≤20ms ≤20ms ≤20ms acts 1000VAC/1min (leakage current 1mA) 2000VAC/1min (leakage current 1mA) 250VAC 3 yel III	240VAC				
	Max. swi	tching capacity (resistive)	4000VA, 480	W	2500VA,	300W		
Contact	Min. swit	ching capacity	170mW(17V/	10m	mA)			
Contact	Initial cor	ntact resistance	≤50mΩ					
	Material		Ag alloy					
	Electrica	l durability	, , , , , , , , , , , , , , , , , , , ,					
	Mechani	cal durability	≥1000 x 10 ⁴ C	ycles	s (1800 O	ps/h)		
Pick-up voltage (23°C) (Rated voltage)			DC:≤75%, A	C:≤8	0% 50/60	Hz		
Drop-out voltage (23°C) (Rated voltage)			DC:≥10%, AC:≥30% 50/60Hz					
Maximum voltage (23°C) (Rated voltage)			110%					
Insulatio	n resistan	ce	≥500MΩ (500VDC)					
Coil oper	ating pow	DC(W)	approx. 0.9	арр	rox. 0.9	approx. 1.4	app	orox. 1.
Coll oper	attrig pow	AC(VA)	approx. 1.2	арр	rox. 1.2	approx. 2	app	orox. 2.
Operate	time		≤20ms					
Release	time (at n	ominal voltage)	≤20ms					
		Between open contacts	1000VAC/1min (leakage current 1mA)					
Initial bre voltage	akdown	Between poles	2000VAC/1min (leakage current 1mA)					
ronago		Between contacts and coil	2000VAC/1min (leakage current 1mA)					
Insulatio	า	Rated voltage	250VAC					
characte	ristics	Pollution level	3					2
IEC 6066	64 UL840	Overvoltage level	III					II
Impulse v	vithstand v	roltage (waveform: 1.2/50µs)	4000V					
Protectio	n level		IP20					
Storage	temperatu	re/ humidity	-55~+85°C/ ≤85%RH (18 months)					
Working	temperatu	ire/ humidity	-25~+55°C/ 5	%~85	%RH (No	condensatio	n)	
Air press	ure		86~106KPa					

RKL

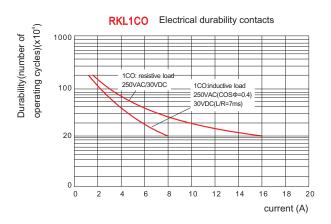
Miniature Power Relay

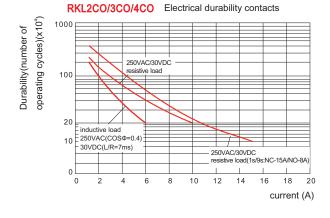
Shock resistance	10G (half-sine shock pulse: 11ms)						
Vibration resistance	10~55Hz double-amplitude:1.0mm						
Mounting	plug in						
Unit weight	approx. 35g approx. 50g approx. 65g						

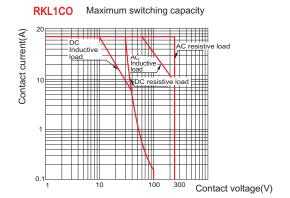
Coil Specifications (23°C)							
RKL1, RKL2							
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	40	180	640	2600	13000	42000	
Nominal voltage V.AC	6	24	36	48	115	230	380
Coil resistance Ω	11.5	180	370	640	4430	16500	42000
RKL3							
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	40	100	400	1600	8400	33000	
Nominal voltage V.AC	6	24	36	48	115	230	380
Coil resistance Ω	6.5	102	230	410	2500	10000	26000
RKL4							
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	24	96	360	1500	6800	29000	
Nominal voltage V.AC	6	24	36	48	115	230	380
Coil resistance Ω	5	80	180	320	1680	8000	20000

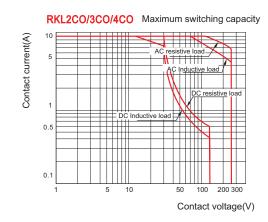
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

Contact Specification





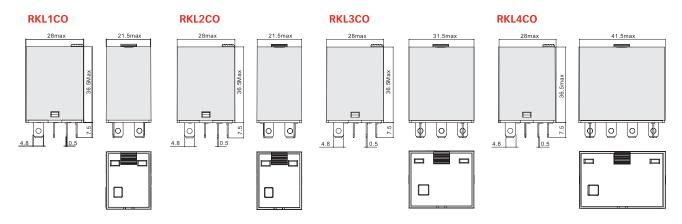




RKL

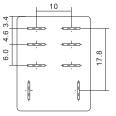
Miniature Power Relay

Dimensions (mm)

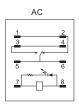


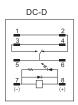
Wiring Diagrams

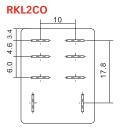


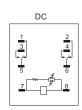


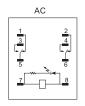


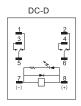




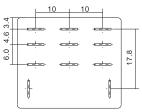


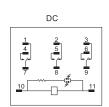


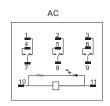


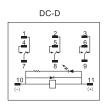


RKL3CO

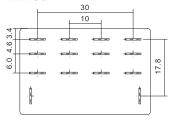


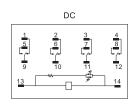


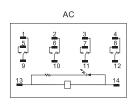


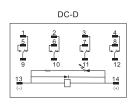


RKL4CO







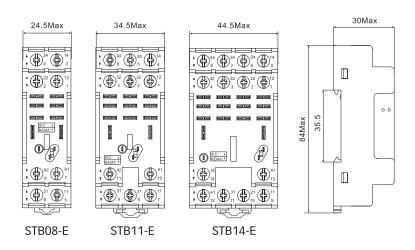


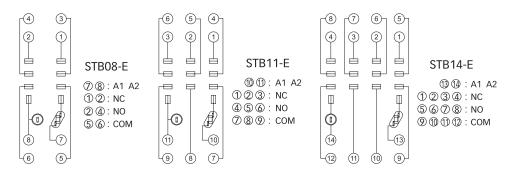
STB08-E & STB11-E & STB14-E RKL Socket

LAN'US CE EHE WOHS & LIK

Type								
Nominal load Voltage V 300	Characteristics							
STB08-E Dielectric strength Between coil and contact V/min 4000		Type				STB08-E	STB11-E	STB14-E
Dielectric strength			Current		А		16	
Dielectric strength Between contacts W/min 2500 Max. tightening torque Nim 1.0 Wire size AWG/mm² 20-14/0.5-2.5 Ambient temperature C -40~+85 Unit weight g 46 62 78 Accessories Socket Metal clip Module STB14-E STB08-E STB08-E STB08-E STB08-E STB14-E STB14-E		load	Voltage		V		300	
Max. tightening torque	STB08-E	Dielectric and contact			V/min		4000	
Wire size AWG/mm² 20-14/0.5-2.5 Ambient temperature °C -40~+85 Unit weight g 46 62 78 Accessories Socket Metal clip Module STB14-E STB08-E SK36M AMD		Suengui	Between c	ontacts	V/min		2500	
Ambient temperature		Max. tight	ening torque		Nm		1.0	
Unit weight g 46 62 78 Accessories Socket Metal clip Module STB14-E STB08-E STB11-E STB14-E STB14-E STB14-E		Wire size			AWG/mm ²	20)-14/0.5-2	.5
Accessories Socket Metal clip Module STB14-E STB08-E SK36M STB11-E ST36M3C AMD	(G. 19)	Ambient temperature			°C	-40~+85		
Socket Metal clip Module STB14-E STB08-E SK36M STB11-E ST36M3C AMD		Unit weigh	nt		g	46	62	78
STB14-E STB08-E SK36M STB11-E ST36M3C AMD		Accessor	ies					
STB08-E SK36M STB11-E ST36M3C AMD		Sock	cet	N	Metal clip		Modul	le
ST36M3C AMD STB14-E	STB14-E	STB08	8-E	1	SK36N	И	MODEL OF STANDARD	
STB14-E				ST36M		13C	AMD	
ST36M4C BMD				1			Market State Comments	
					ST36N	/14C I	BMD	

Dimensions (mm)





REH

Power Relay

- 2 poles, 3 poles contact load 16A
- 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

REH	Other options L:LED LT:LED + test button LTD: LED + test button + dioc LTD1: LED + Test button + dioc	
	Coil voltage code	040 440 000
		048 110 220
	Voltage (V DC) 6 12 24	
	Code 506 524 548	615 730 880 900
	Voltage (V AC) 6 24 48	115 230 380 400
	Terminal arrangementO: plug inContact form	
	2C: 2C0 3C: 3C0 —— Series name	

	teristics Configuratio	n	2C,3C	2COLTS			
		Resistive	16A/300VAC 30VDC	200210			
L	oad	Resistive	_	10A/220VDC			
		inductive	_	3A/220VDC(L/R=7ms			
		Motor load	1/2HP, 120VAC;1HP,2	,			
	Лах. switchi	ng capacity (resistive)	4800VA, 480W	2200W			
Contact –	Лах. switchi	ng capacity (inductive)	2500VA, 90W	660W			
_ I	nitial contac	et resistance	≤50mΩ				
<u></u>	Material		Ag alloy				
E	Electric dura	bility(110%rated voltage, 55°C)	≥60 x 10 ⁴ Cycles (600 C	Dps/h)			
E	Electric dura	bility (Normal temperature)	≥5000 x 10 ⁴ Cycles (18	000 Ops/h)			
N	/lechanical	durability	≥2000 x 10 ⁴ Cycles (180	000 Ops/h)			
Pick-up v	oltage (23°C	C) (Rated voltage)	DC:≤75%, AC:≤80% 50	0/60Hz			
Drop-out	voltage (23°	°C) (Rated voltage)	DC:≥10%, AC:≥30% 50/60Hz				
Maximum	voltage (23	3°C) (Rated voltage)	110%				
Insulation	resistance		≥1000MΩ (500VDC)				
Coil oper	ating power	DC(W)	approx. 1.5				
Con opera	ating power	AC(VA)	approx. 2.5				
Operate t	ime&Releas	se time (at nominal voltage)	≤20ms				
latial laur	-11	Between open contacts	1500VAC/1min (leakage current 1mA)				
Initial breat voltage	akdown	Between poles	4000VAC/1min (leakage current 1mA)				
voltage		Between contacts and coil	4000VAC/1min (leakage current 1mA)				
Insulation		Rated voltage	300VAC				
character	istics	Pollution level	3				
IEC 6066	4 UL840	Overvoltage level	III				
Impulse v	vithstand vo	ltage (waveform: 1.2/50µs)	6000V				
Protection level			IP20				
Storage temperature/ humidity			-55~+85°C/ ≤85%RH (18 months)				
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 weig	ht		approx. 90g				

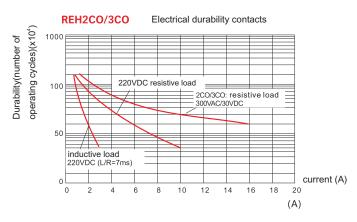
REH

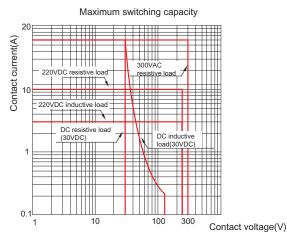
Power Relay

Coil Specifications (23°	C)						
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	24	96	385	1540	8070	32270	
Nominal voltage V.AC	6	24	48	115	230	380	400
Coil resistance Ω	8	100	350	2200	8000	26000	27000

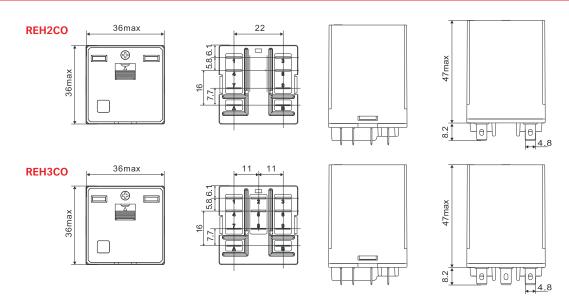
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

Contact Specification





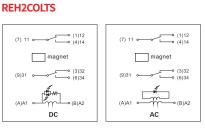
Dimensions (mm)

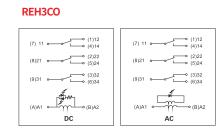


Wiring Diagrams

REH2CO

(7) 11 (1)12 (7) 11 (1)14 (7) 11 (1)14 (1)





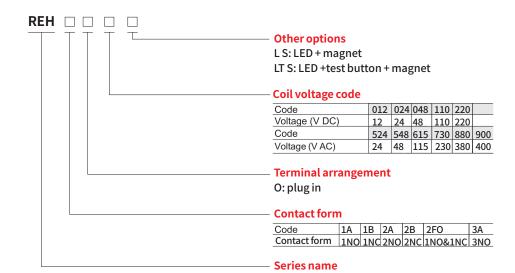
REH

Magnetic Blow-out Power Relay





Series Name



- Good performance in DC motor load
- ◆ With non-polarity LED and lockable test button.
- ◆ High capacity load (16A@400VAC) for well replacement of contactor
 ◆ With blow-out magnet
- Identification of coil through test button color (AC red /DC blue)



Socket



Relay module

Char	acteristic	CS CONTRACTOR OF THE CONTRACTO					
	Configurat	ion	1A,1B	2A,2B,2FO	3A		
		Resistive	16A/500VAC	16A/250VAC	16A/300VAC		
	Load	Resistive	10A/220VDC	16A/30VDC			
	_500	inductive	10A/250VAC(c				
Contact		iliductive	3A/220VDC(L/I	R=7ms)			
Contact	Switching	Resistive	8000VA	4000VA	4800VA		
	capacity	Resistive	2200W				
		inductive	2500VA(cosΦ0.	4);660W(L/R=7m:	s)		
	Initial conta	act resistance	≤50mΩ				
	Material		Ag alloy				
	Electrical du	urability(110%rated voltage, 55°C)	-	,	104Cycles (600 Ops/h)		
_	Mechanica	<u> </u>		cles (18000 Ops	s/h)		
· <u> </u>		C) (Rated voltage)	DC:≤75% , AC:	≤80% 50/60Hz			
Drop-ou	t voltage (23	3°C) (Rated voltage)	DC:≥10% , AC:≥30% 50/60Hz				
_		23°C) (Rated voltage)	110%				
Insulation	on resistanc	e	≥1000MΩ (500VDC)				
Coil one	rating powe	DC (W)	approx. 1.5				
- Son opc	ading powe	AC (VA)	approx. 2.5				
Operate	time&Relea	ase time (at nominal voltage)	≤20ms				
Initial br	eakdown	Between open contacts	1500VAC/1min (leakage current 1mA)				
voltage	Canadyvii	Between poles	4000VAC/1min (leakage current 1mA)				
_		Between contacts and coil		(leakage curre	,		
Insulatio	n	Rated voltage	400VAC	250VAC	250VAC		
characte	eristics	Pollution level	2	3	3		
	64 UL840	Overvoltage level	II	III	III		
Protection	Protection level						
Storage	Storage temperature/ humidity			35%RH (18 moi	nths)		
Working	Working temperature/ humidity			~85%RH (No co	ondensation)		
	Air pressure			86~106KPa			
Shock re	Shock resistance			10G (half-sine shock pulse: 11ms)			
Vibration	n resistance		10~55Hz doub	ole-amplitude:1	.0mm		
Mounting	g		plug in				
Unit wei	aht		approx. 90g				

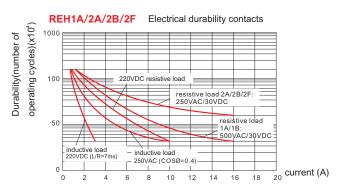
REH

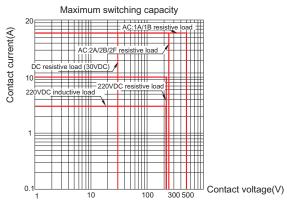
Magnetic Blow-out Power Relay

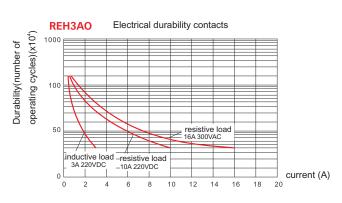
Coil Specifications (23°C)						
Nominal voltage V.DC	12	24	48	110	220	
Coil resistance Ω	96	385	1540	8070	32270	
Nominal voltage V.AC	24	48	115	230	380	400
Coil resistance Ω	100	350	2200	8000	26000	27000

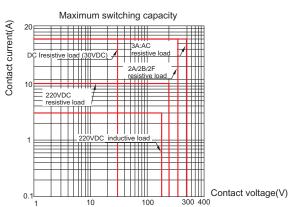
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

Contact Specification

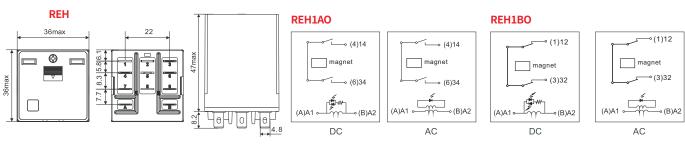


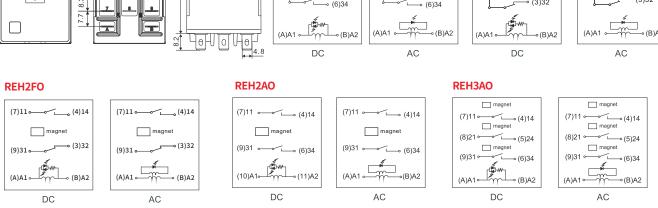






Dimensions (mm) & Wiring Diagrams

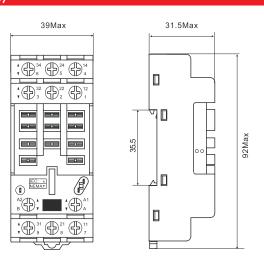


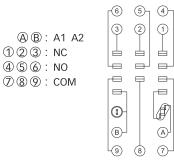




Characteristics						
	Туре				SEB11-E	
	Nominal		Current	А	25	
	load	_	Voltage	V	500	
	Dielectric	Betwe	en coil and contact	V/min	4000	
SEB11-E	strength	Betwe	en contacts	V/min	2500	
	Max. tight	ening to	orque	Nm	1.2	
11 63	Wire size			AWG/mm ²	20-12/0.5-3.3	
	Ambient temperature			°C	-40~+75	
	Unit weight			g	64	
	Accessories					
	Socket		Metal clip		Module	
	SEB11-E				1916	
			SE52M		BMD	

Dimensions (mm)

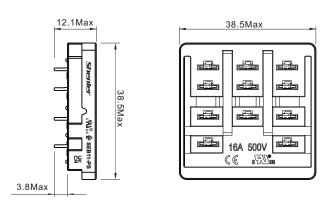


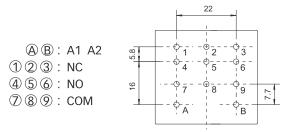




Characteristics						
	Туре			SEB11-PS		
	Nominal	Current	Α	15		
CED11 DC	load	Voltage	V	300		
SEB11-PS	Dielectric stre	ngth	V/min	2500		
	Ambient tempe	rature	℃	-40~+75		
	Unit weight		g	11.9		
THE REAL PROPERTY.	Accessories					
cRI € SEB11-PS	Socket					
gnented	SEB11-PS		SE48M			

Dimensions (mm)

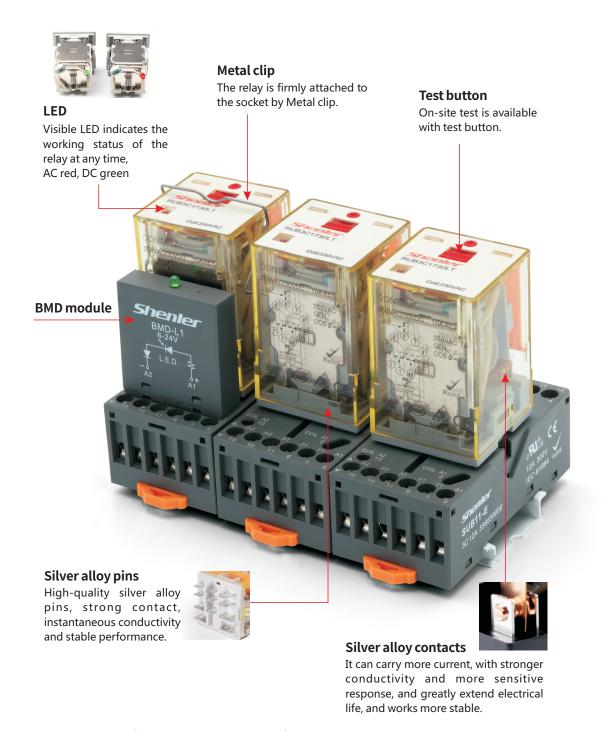




RUB

General Purpose Relay

- 2 poles, 3 poles contact load 10A
- 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





RUB

General Purpose Relay





Relay





Socket



Relay module

RUB 🗆 🗆 🗆								
	Other options							
	LT: LED + test b	uttor	1					
	LTD: LED + test	butto	n+d	liode	5			
	RUB2C1 (2	2-,7+)	; RUE	32C2	(1-,	8+); I	RUB3C1 (2-,10+);
	RUB3C5 (2	2-10+); RU	B3C	2 (1-,	,11+))	
	LTD1: LED + Tes	t but	ton+	dio	de			
	RUB2C1	(2+,7	-); RU	B2C	2 (1+	-,8-);	RUB3C1	(2+,10-);
	RUB3C5	2+,1	0-); R	UB3	C2 (1	L+,11	L-)	
	Coil voltage co							
	Code		012					
	Voltage (V DC) Code	6 506	12 512		48 526		220 615 730	
	Voltage (V AC)	6	12				115 230	
		-						
	- Wiring type							
	1:1							
	2:2-1							
	5: 5-1 (3C only))						
	Contact form							
	2C: 2CO							
	3C: 3CO							
	Series name							

Chara	acteristi	ics					
	Configur	ation	2C,3C				
	Rated cu	urrent / Rated voltage	10A/250VAC 30VDC (resistive RES); 7A/250VAC 30VDC (perceptual GEN)				
044	Max. sw	itching capacity (resistive)	2500VA, 300W				
Contact	Initial co	ntact resistance	≤50mΩ				
	Material		Ag alloy				
	Electrica	l durability	≥10 ⁵ Cycles(1800 Ops/h)				
	Mechani	cal durability	≥2000 x 10 ⁴ Cycles (18000 Ops/h)				
Pick-up v	oltage (2	3°C) (Rated voltage)	≤80%				
Drop-out	voltage (2	23°C) (Rated voltage)	DC:≥10%, AC:≥30% 50/60Hz				
Maximun	n voltage (23°C) (Rated voltage)	110%				
Insulatio	n resistan	ce	≥100MΩ (500VDC)				
Coil one	rating pow	ver DC(W)	approx. 1.5				
	aung pon	AC(VA)	approx. 2.7				
Operate	time		≤30ms				
Release	time (at n	ominal voltage)	≤20ms				
Initial bre	aldaus	Between open contacts	1000VAC/1min (leakage current 1mA)				
voltage	eakuown	Between poles	2500VAC/1min (leakage current 1mA)				
vollago		Between contacts and coil	2500VAC/1min (leakage current 1mA)				
Insulatio	n	Rated voltage	250VAC				
characte	ristics	Pollution level	3				
IEC 6066	IEC 60664 UL840 Overvoltage level		III				
Impulse withstand voltage (waveform: 1.2/50µs)			4000V				
Protection level			IP20				
Storage	temperatu	ire/ humidity	-55~+85°C/ ≤85%RH (18 months)				
Working	temperati	ure/ humidity	-10~+55°C/ 5%~85%RH (No condensation)				

RUB

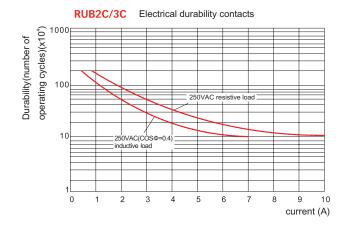
General Purpose Relay

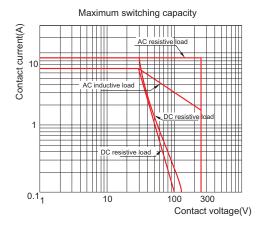
Air pressure	86~106KPa
Shock resistance	10G (half-sine shock pulse: 11ms)
Vibration resistance	10~55Hz double-amplitude:1.5mm
Mounting	plug in
Unit weight	approx. 85g

Coil Specifications (23°C)							
Nominal voltage V.DC	6	12	24	48	110	220	
Coil resistance Ω	23.7	96	430	1640	7360	29500	
Nominal voltage V.AC	6	12	24	36	48	115	230
Coil resistance Ω	3.9	17	62.5	144	305	1250	5900

 $\label{eq:coil_coil} \mbox{Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.}$

Contact Specification

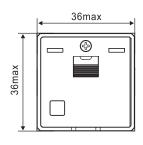


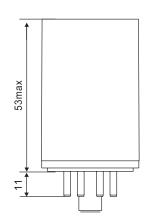


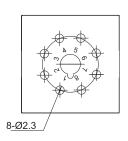
RUB

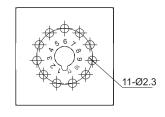
General Purpose Relay

Dimensions (mm)



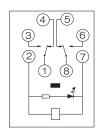






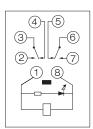
Wiring Diagrams

RUB2C1



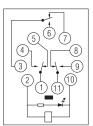
⑦②: A1, A2 ①⑧: COM ③⑥: NO ④⑤: NC

RUB2C2



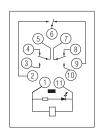
(8) ①: A1, A2(3) ⑥: COM(2) ⑦: NO(4) ⑤: NC

RUB3C1



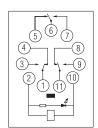
①②: A1, A2 ①③①: COM ④⑥②: NO ⑤⑦⑧: NC

RUB3C2



①①: A1, A2 ⑤⑥②: COM ②③⑩: NO ④⑧⑨: NC

RUB3C5



①②: A1, A2 ①⑥①: COM ③⑦⑨: NO ④⑤⑧: NC

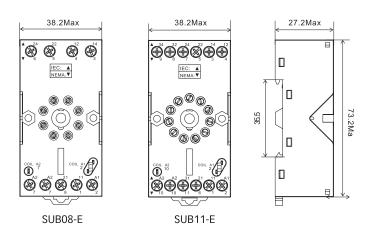
SUB08-E & SUB11-E

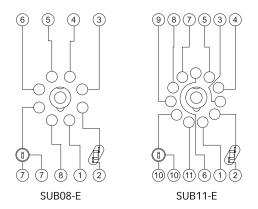
RUB Socket



Characteristics							
	Туре			SUB08-E	SUB11-E		
	Nominal load	Current		А	12		
		Voltage		V	300		
SUB08-E	Dielectric strength			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	50	55		
	Accessories						
	Socket	t	Metal clip		ID tag	Module	
SUB11-E	SUB08-	E	m			ML	
3/10	SUB11-E				-		
			SU	J60M	SU3P	BMD	

Dimensions (mm)





SUB08-A & SUB11-A

RUB Socket

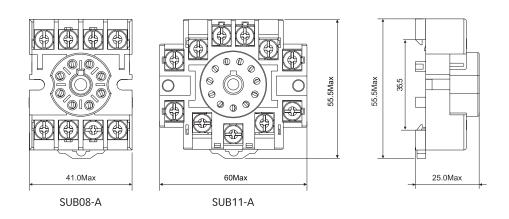


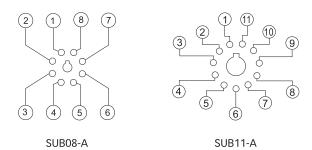
Characteristics Туре SUB08-A SUB11-A Nominal Current 12 10 load ٧ 300 Voltage SUB08-A Dielectric strength V/min 2500 Max. tightening torque Nm 1.0 Wire size AWG/mm² 20-14/0.5-2.5 Ambient temperature °C -40~+85 Unit weight g 37 50

SUB11-A



Dimensions (mm)

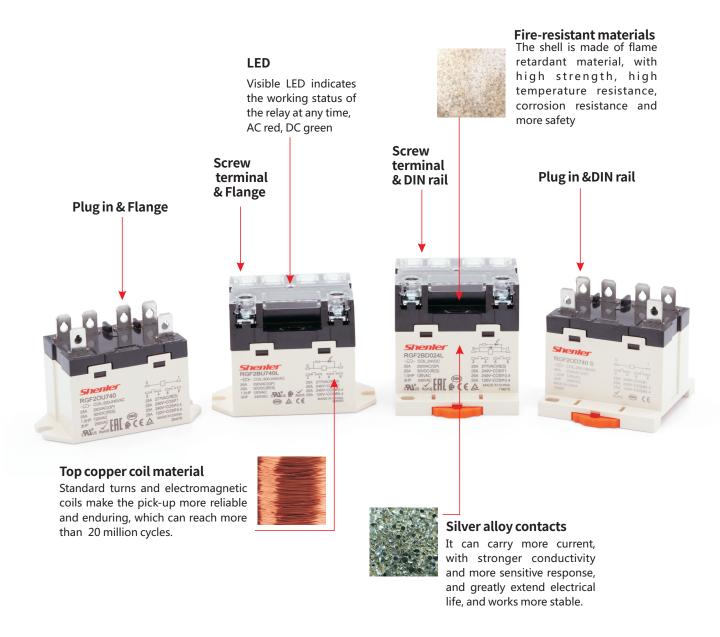




RGF

Power Relay

- 1 pole 30A; 2 poles 25A/40A
- Top-mounted 1/4" quick-connect terminals
- Locating slot for DIN rail mounting
- With finger protection cover
- Conformity with RoHs directive
- With safety module monitor



73 / SHENLE CORPORATION LTD.

LANGE CE COC A FAIL &

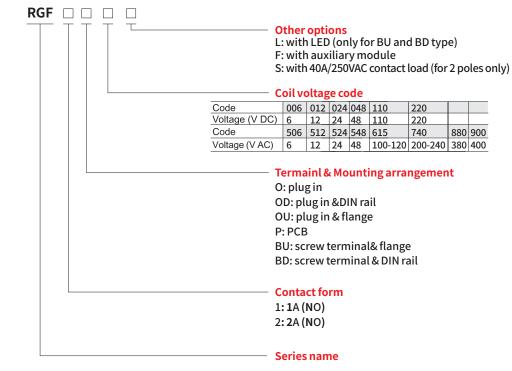








RGF1BD





RGF1BU



RGF10U



RGF2OD

Chara	ecteristi	CS							
	Configuration			1A	2A	2A-S			
	Load	Resi	stive	30A 277VAC/30VDC	25A 277VAC/30VDC	40A 250VAC/30VDC			
	Luau	Moto	or load	1.5 HP, 120VAC;	3HP,240VAC				
Contact	Max. swi	itching ca	apacity (resistive)	8310VA, 900W	6925VA,750W	10000VA,1200W			
	Initial co	ntact res	istance	≤50mΩ					
			Configuration	1CO					
	Auxiliary	modulo	Load (Resistive)	250VAC,3A					
	Auxiliary	module	Switching capacity (resistive)	750VA					
			Contact resistance	≤50mΩ					
	Material			Ag alloy					
	Electrical durability			≥10 ⁵ Cycles (1800 Ops/h) ≥5x10 ⁴ Cycles (36					
	Mechanical durability			≥5000 x 10 ⁴ Cycles (1800 Ops/h)					
Pick-up v	oltage (23	3°C) (Rat	ted voltage)	DC:≤80% , AC:≤80% 50/60Hz					
Drop-out	voltage (2	23°C) (Ra	ited voltage)	DC:≥15% , AC:≥15% 50/60Hz					
Maximun	n voltage (2	23°C) (Ra	ated voltage)	110%					
Insulatio	n resistan	се		≥1000MΩ (500V	DC)				
Coil once	rating pow	DC	(W)	approx. 1.9					
Coll opei	ating pow	AC((VA)	approx. 2.5					
Operate t	ime&Relea	ase time ((at nominal voltage)	≤30ms					
Initial bre		Betwee	n open contacts	2000VAC/1min (leakage current 1mA)					
voltage	eakdown	Betwee	n poles	2000VAC/1min (leakage current 1mA)					
voltago		Betwee	n contacts and coil	4000VAC/1min (leakage current 1mA)					
Insulatio	n	Rat	ted voltage	277VAC					
characteristics Pollution level		3							
IEC 60664 UL840 Overvoltage level			ervoltage level	III					
Impulse v	withstand v	oltage (v	vaveform: 1.2/50µs)	6000V					
Protection level				IP20					

RGF

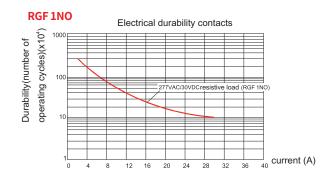
Power	Relay

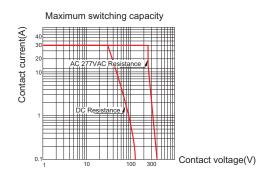
Storage temperature/ humidity	-55~+85°C/ ≤85%RH (18 months)
Working temperature/ humidity	-25~+55°C/ 5%~85%RH (No condensation)
Air pressure	86~106KPa
Shock resistance	10G (half-sine shock pulse: 11ms)
Vibration resistance	10~55Hz double-amplitude:1.5mm
Mounting	plug in type; screw type; PCB type; DIN rail mounting type
Unit weight	plug in type about 90g; screw type around 120g; screw type +DIN rail mountingwith auxiliary module about 135g

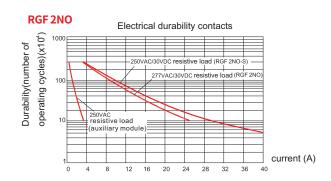
Coil Specifications (23°C)								
Nominal voltage V.DC	6	12	24	48	110	220		
Coil resistance Ω	18.9	75	303	1220	6360	25474		
Nominal voltage V.AC	6	12	24	48	100-120	200-240	380	400
Coil resistance Ω	14	55	275	1100	5200	21000	62650	62650

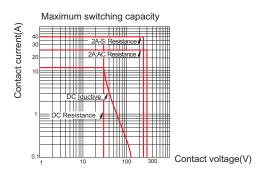
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

Contact Specification





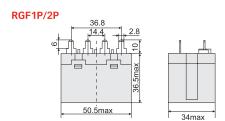


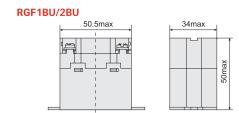


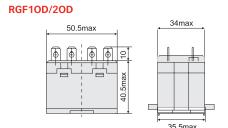
RGF

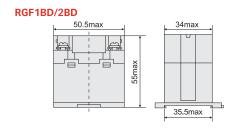
Power Relay

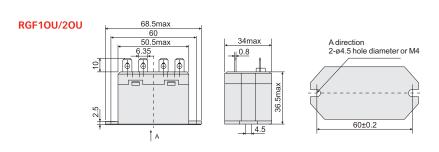
Dimensions (mm)



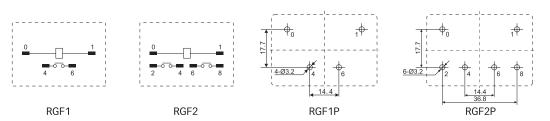








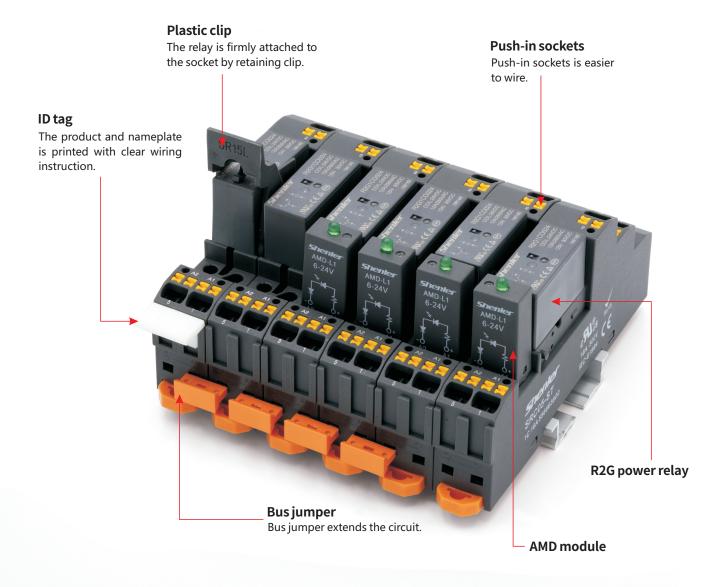
Wiring Diagrams



R2G

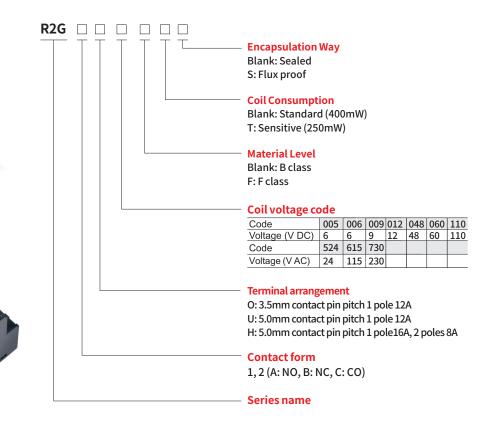
Power Relay

- Available for 1 and 2 poles, a variety of high capacity models
- High sensitive of consumed power 400mW
- With up to 8mm of insulation distance between coil and contacts
- High insulation with 10kv of shock resistant voltage
- Meet with the ambient temperature 85°C









Socket

Relay

=



Relay module

Chara	cteristi	cs				
Cital	Configur		1C/1A	2C/2A		
		Resistive load (AC-1)	12A,16A/250VAC,30VDC	8A/250VAC,30VDC		
	Load	Motor load (AC-15)	1/2HP, 240VAC;3/4HP,120VAC	1/3HP,240VAC,1/4HP,120VAC		
	Max. swi	tching capacity (resistive)	3000VA,360W;4000VA,480W	2000VA,240W		
0 1 1	Min. swit	ching capacity	170mW(17V/10mA)			
Contact	Initial co	ntact resistance	≤100mΩ			
	Material		Ag alloy			
		al durability	3.5mm: 1NO 12A; 1NC 6A ≥10 ⁵ Cycles(85°C) 5.0mm: 2NO 8A; 2NC 4A ≥10 ⁵ Cycles (85°C)		
	(110% ra	ated voltage , 85°C)	5.0mm: 1NO 16A; 1NC 8A ≥10 ⁵ Cycles (85°C			
		al Durability	,	5) 5.0mm:2NO 8A; 2NC 8A ≥5x10 ⁴ Cycles(23 ^o C)		
	(Normal temperature		5.0mm: 1NO 16A; 1NC 16A ≥3x10 Cycles(23°C) -			
	Mechani	cal durability	Dc≥5000x10 ⁴ Cycles (18000 Ops/h); Ac≥3000x10 ⁴ Cycles (18000 Ops/h)			
Pick-up v	oltage (23	3°C) (Rated voltage)	DC≤70%			
Drop-out	voltage (2	3°C) (Rated voltage)	DC:≥10%			
Maximun	n voltage (2	23°C) (Rated voltage)	130%			
Insulatio	n resistan	ce	≥1000MΩ (500VDC)			
Coil one	ating pow	DC(W)	approx. 0.43			
Coll oper	ating pow	AC(VA)	approx. 1			
Operate	time		≤10ms			
Release	time (at n	ominal voltage)	≤5ms			
Initial bre	okdown	Between open contacts	1000VAC/1min (leakage current 1mA)	1000VAC/1min (leakage current 1mA)		
voltage	akuowii	Between poles	-	2500VAC/1min (leakage current 1mA)		
ronago		Between contacts and coil	5000VAC/1min (leakage current 1mA)	5000VAC/1min (leakage current 1mA)		
Insulatio	า	Rated voltage	250VAC			
characte	ristics	Pollution level	3			
IEC 6066	64 UL840	Overvoltage level	III			

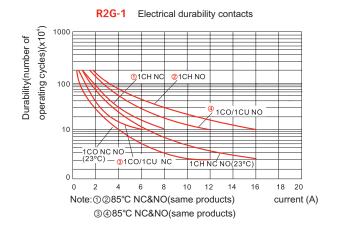
R2GPower Relay

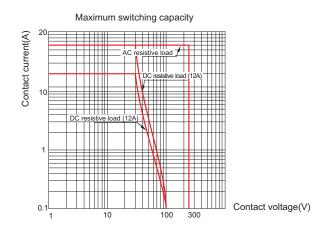
Protection level	IP20
Storage temperature/ humbidity	-55~+85°C/ 5%~68%RH (18 months)
Working temperature/ humbidity	-40~+85°C/ 5%~85%RH (No condensation)
Air pressure	86~106KPa
Shock resistance	10G (half-sine shock pulse: 11ms)
Vibration resistance	10~55Hz double-amplitude:1.5mm
Mounting	PCB
Unit weight	approx. 13g

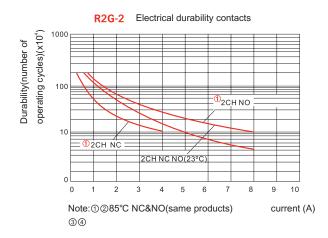
Coil Specifications (23°C)								
Nominal voltage V.DC	5	6	9	12	24	48	60	110
Coil resistance Ω	62.5	90	200	360	1440	5220	8570	28800
Nominal voltage V.AC	24	115	230					
Coil resistance Ω	350	8100	23800					

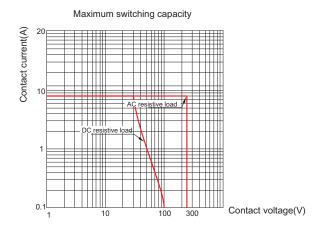
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%\Omega$, above 110V with tolerance of $\pm 15\%\Omega$.

Contact Specification

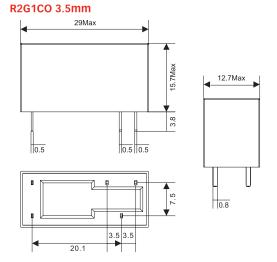




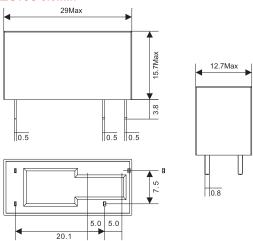




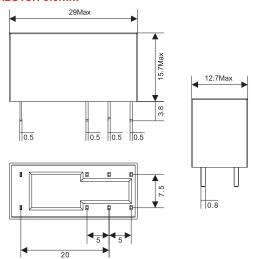
Dimensions (mm)



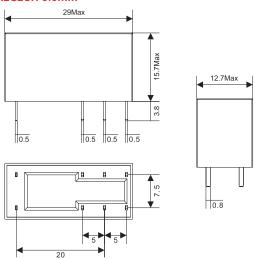
R2G1CU 5.0mm



R2G1CH 5.0mm



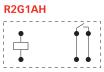
R2G2CH 5.0mm



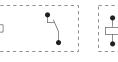
Wiring Diagrams

R2G1AO/1AU

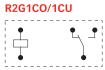












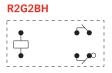
R2G1CH



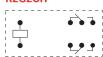








R2G2CH



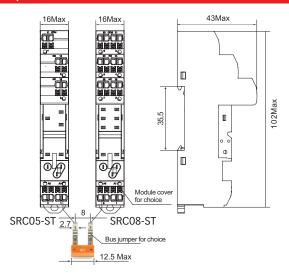
SRC05-ST & SRC08-ST

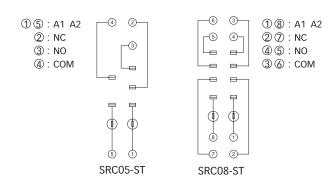
R2G Socket





Dimensions (mm)





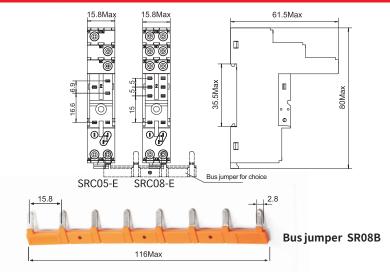
SRC05-E & SRC08-E

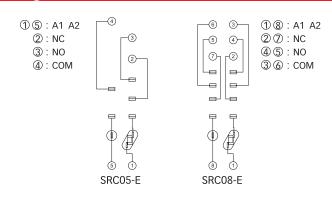
R2G Socket





Dimensions (mm)





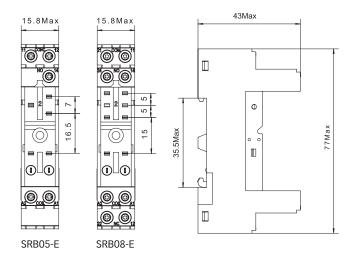
SRB05-E & SRB08-E

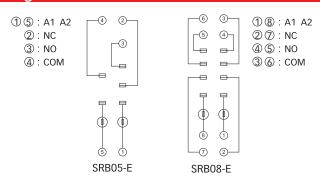
R2G Socket





Dimensions (mm)





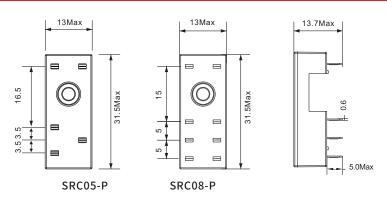
SRC05-P & SRC08-P

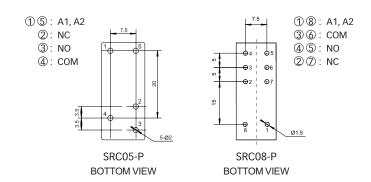
R2G Socket



Chavastavistics							
Characteristics	T						
	Type			SRC05-P	SRC08-P		
CDCOE D	Nominal	Current	А	12	8		
SRC05-P	load	Voltage	V	300			
		Between coil and contact	V/min	4000			
gnenter	strength	Between contacts	V/min	2500			
SRC05-3858bor	Max. tigh	tening torque	Nm	-			
E CO SER	Wire size		AWG/mm ²	-			
	Ambient	temperature	°C	-40~+85			
	Unit weig	ht	g	10	10		
	Accessories						
SRC08-P	Socket		Metal clip				
CES STATEMENT V. SPORTS AND	SRC05-P		SR15M				
			SR1520M				

Dimensions (mm)

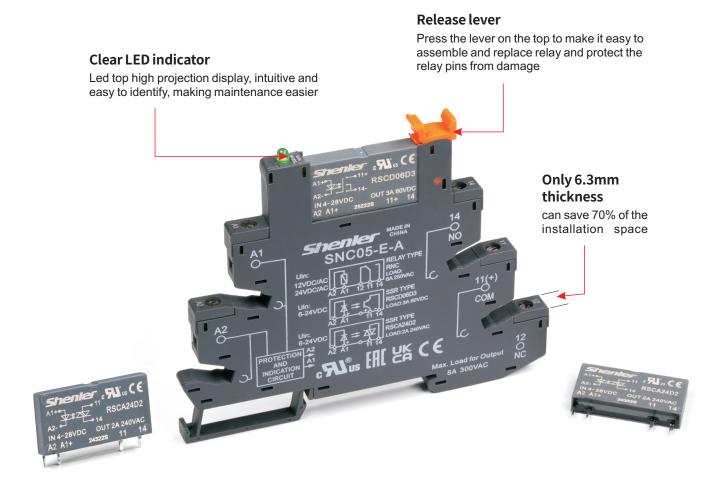




RSC Series

Solid State DC AC Slim Relay

- Ultra thin, small size, fast switching response
- no contact, no spark, long service life
- NO DC,AC output
- MOSFET output for DC, TRIAC output for AC.
- Imported optocoupler isolation
- Wide supply DC voltage range
- Shenler industrial control relay is widely used in the output signal and safety drive of PLC, CNC system, robot, intelligent manufacturing and other control systems. It is one of the best choices to realize the automatic assembly line of various equipment and products such as remote control, production and processing, packaging, transportation, detection and storage.





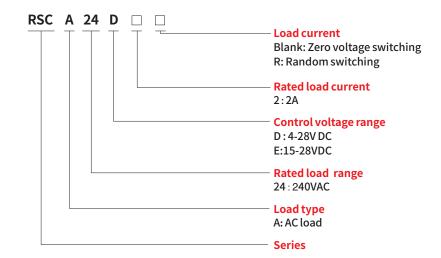
RSCA Series

Solid State AC Slim Relay





Relay





Socket



Relay Module

Product performance							
Input parameter(Ta=25°C)							
Part No.	Part No. RSCA24D2 RSCA24D2R RSCA24E2 RSCA24E2R						
Control voltage range 4~28VDC 15~28VDC							
Must turn-on voltage	4VDC		15VDC				
Must turn-off voltage	1VDC		5VDC				
Control current range 20mA							

Output parameters(Ta=25°C)						
Part No.	RSCA24D2	RSCA24E2	RSCA24D2R	RSCA24E2R		
Rated load voltage		240	VAC			
Load voltage range		24~2	80VAC			
Maximum transient voltage		600	VPK			
Load current range		0.02	!~2A			
Trigger type	Zero voltage switching		Random switching			
Maximum conduction time	½ cycle		1ms			
Maximum turn-off time	½ cycle		½ cycle			
Non-repetitive surge current (within 10ms)	≤50A					
Maximum off-state leakage current (at rated voltage)	≤1.5mA					
Maximum on-state voltage drop (at rated current)	≤1.3V					
Out-of-state voltage index rise rate dv/dt	200V/us					
Load current safety factor	40-60%					

Other parameters(Ta=25°C) Dielectric withstand voltage (Input / Output,50Hz/60Hz) 2500VAC Insulation resistance(@500VDC) $1000 M\Omega\,$ Operating temperature range -30°C~+80°C -30°C~+100°C Storage temperature range Weight approx. 4g

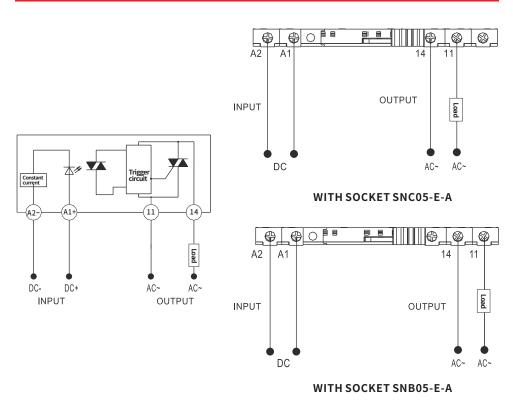
Note:

- 1. When welding and installing the printed substrate, please complete the welding within 8 seconds at 260°C welding temperature (no more than 2 seconds for each pin).
- 2. The positive and negative polarity of input and output shall not be connected wrongly, otherwise it is easy to damage the product.
- 3.The recommended installation torque for base wiring is 0.5N m.
- 4. When the ambient temperature of the product is high, please refer to the temperature curve for derating.

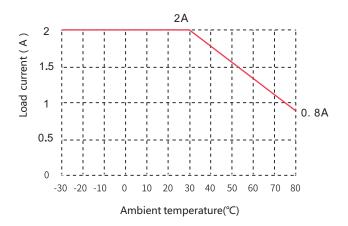
RSC Series

Solid State AC Slim Relay

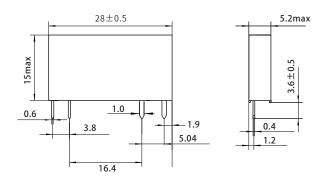
Wiring diagram



Contact Specification



Dimension(mm)



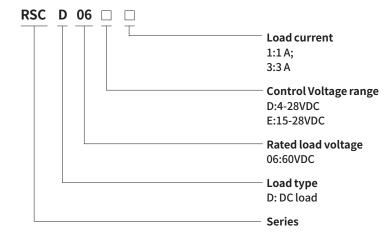
RSCD Series

Solid State DC Slim Relay





Relay







Socket



Relay Module

Product performance							
Input parameter(Ta=25°C)							
Part No. RSCD06D1 RSCD06D3 RSCD06E1 RSC							
Control voltage range	4~28VDC		15~28VDC				
Must turn-on voltage	4VDC		15VDC				
Must turn-off voltage	1VDC		5VDC				
Control current range		20	mA				

Output parameters(Ta=25°C)				
Part No.	RSCD06D1	RSCD06E1	RSCD06D3	RSCD06E3
Rated load voltage		60VDC		
Load voltage range		5~60VDC		
Peak withstand voltage		100VDC		
Load current range	0.002	2~1A	0.002~3A	
Non-repetitive surge current (within 10ms)	16	δA	30A	
Maximum on-state voltage drop (at rated current)	≤1.	.3V ≤0		.1V
Maximum off-state leakage current (at rated voltage)	≤0.1mA			
Maximum turn-on time	≤1ms			
Maximum turn-off time		≤1ms		
Load current safety factor		40~60%	•	•

Other parameters(Ta=25°C)						
Dielectric withstand voltage (Input / Ou	tput,50Hz/60Hz) 2500VAC					
Insulation resistance(@500VDC)	1000ΜΩ					
Operating temperature range	-30°C∼+80°C					
Storage temperature range	-30°C~+100°C					
Weight	4g					

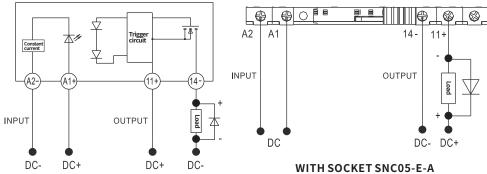
Note:

- 1. When welding and installing the printed substrate, please complete the welding within 8 seconds at 260°C welding temperature (no more than 2 seconds for each pin).
- 2.The positive and negative polarity of input and output shall not be connected wrongly, otherwise it is easy to damage the product.
- 3. The recommended installation torque for base wiring is 0.5N m.
- 4. When the ambient temperature of the product is high, please refer to the temperature curve for derating.
- 5. When connecting inductive load, be sure to reverse parallel the freewheeling diode at the load end (see the wiring diagram for the specific connection method)!

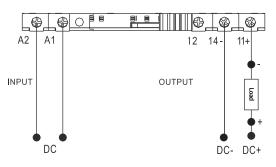
RSC Series

Solid State DC Slim Relay

Wiring diagram



WITH SOCKET SNC05-E-A For Resistive Load

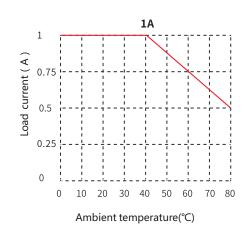


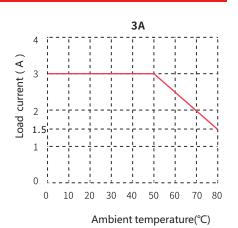
A2 A1 12 14- 11+ GND OUTPUT DC- DC- DC+

WITH SOCKET SNB05-E-A For Resistive Load

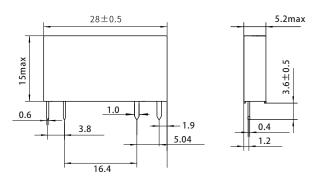
WITH SOCKET SNB05-E-A D For Inductive load

Contact Specification





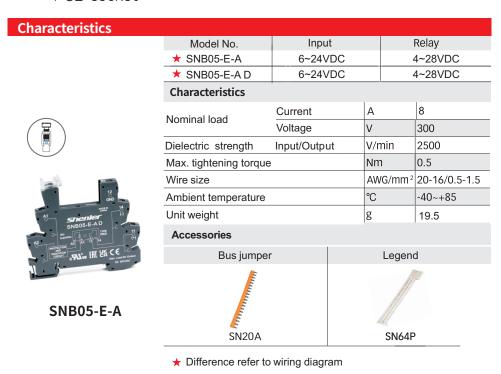
Dimension(mm)



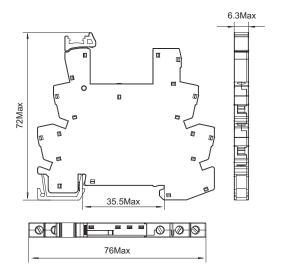
SNB05-E-A

Solid state slim relay PCB socket





Dimensions (mm)



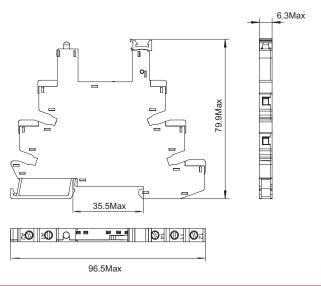


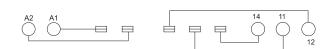
SNC05-E-A



Chamatanistics					
Characteristics	Model No.	Input		Relay	
	SNC05-E-A	6~24VDC		~28VDC	
	Characteristics	0 24780		20100	
	Nominal load	Current	А	8	
	Nominal load	Voltage	V	300	
-	Dielectric strength	Input/Output	V/min	2500	
	Max. tightening torque	Nm	0.5		
	Wire size	AWG/mm ²	20-16/0.5-1.5		
A1 STEPLE WITH NO	Ambient temperature	°C	-40~+85		
STOCKE A THE STOCK ON THE STOCK OF THE STOCK	Unit weight		g	24	
AZ SANCO A SAN	Relay,accessories Selection Table				
and some we some	Bus jumper	Legend	P	artition plate	
SNC05-E-A			•		
	SN20B	SN64P		SN20S	

Dimensions (mm)





SNC05-P1

Solid state slim relay PCB socket



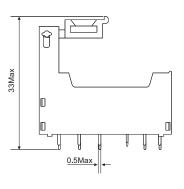
Product performance

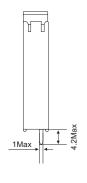
SNC05-P1

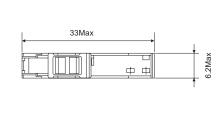


Nominal load	Current	А	6	
	Voltage	V	300	
Dielectric stren	gth Input/output	V/min	2500	
Ambient tempe	erature	°C	-40~+85	
Unit weight		g	2.6	

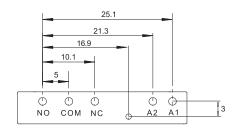
Dimension (mm)







Wiring Diagram



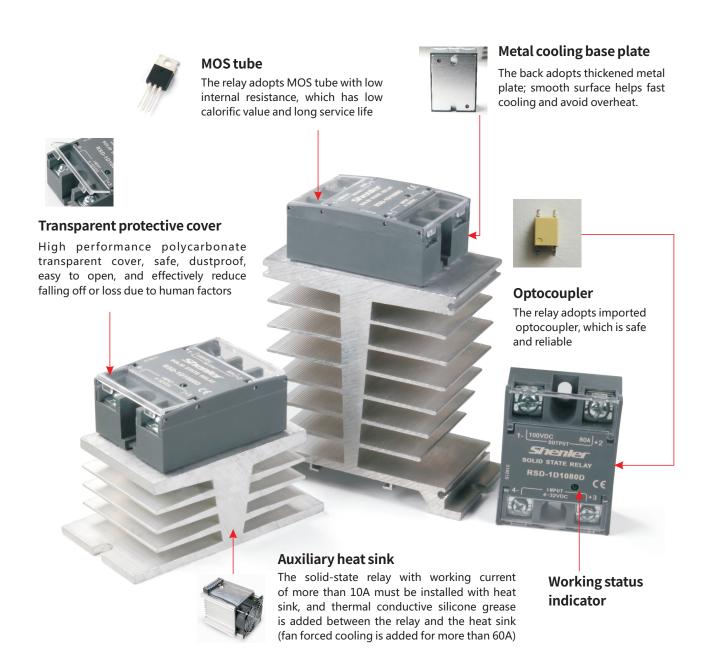
Physical drawing of product application



RSD-1D Series

AC DC Solid state relay

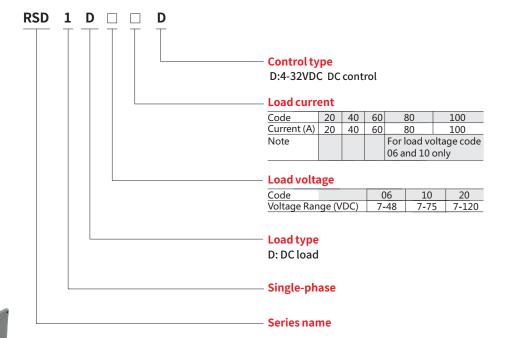
- 1 N/O SPST DC output
- No contact, no spark, long service life
- MOSFET output, fast switching response
- Imported optocoupler isolation
- Wide control voltage range, LED indicator
- Optional IP20 protective cover, panel mounting
- Widely used in DC heating, DC power supply, DC valve, DC motor, etc.



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DC Solid state relay





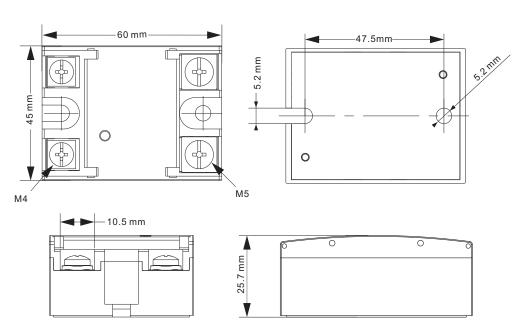
Relay

Product performa	nce												
Input parameter (Ta=25°	C)												
Control voltage range						4	1~32V	/DC					
Must ON voltage							4VD	C					
Must OFF voltage							1VD	С					
Control current range							6~20	mΑ					
Output parameters (Ta=25°C)													
Part No.		RSD	-1D06	xxD			RSD	-1D10	xxD		RSE)-1D2(OxxD
Load voltage range(VDC)			7-48					7-75			-	7-120	
Maximum load current(A) 20	40	60	80	100	20	40	60	80	100	20	40	60
Maximum surge current	110	160	200	260	300	90	140	180	220	280	80	160	200
(Apk,@10ms)													
Maximum PWM(Hz) 🛨	900	700	700	500	500	900	600	600	400	400	800	600	400
Maximum conduction voltage drop(V)					5	1						≤1.2	
Maximum off- state leakage current(mA)							≤0.3						
Minimum load current(m	A)						≥2						
Maximum conduction tin	ne(ms)						1						
Maximum off time(ms)							1						
Other parameters (Ta=25	5℃)												
Dielectric withstand volta	ao (50	/60U-	,)	Between Input and Output 250					2500V	′rms			
Dielectric withstalia volta	ige (50	/ 0U II Z	-)	Input/Output to base 2500Vrms									
Insulation resistance(@50	OVDC))		1000ΜΩ									
Operating temperature range							-30)°C∼+	80°C				
Storage temperature range				-40°C~+100°C									
Operating ambient humidity range				5 ~ 85%RH (No condensation)									
Cooling mode				fan forced cooling is added for more than 60A									
Weight Approx								90g					
A = 5													

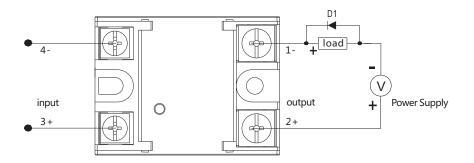
[★] Note: For PWM rating, a voltage of at least 8 Vdc must be applied to the control input.

DC Solid state relay

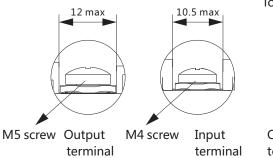
Dimensions (mm)



Wiring Diagrams



*When inductive load is used, suppression circuit must be added, as shown in the figure: reverse parallel freewheeling diode D1 at both ends of the load (D1 is a fast recovery diode)



To use cold rolled copper lugs





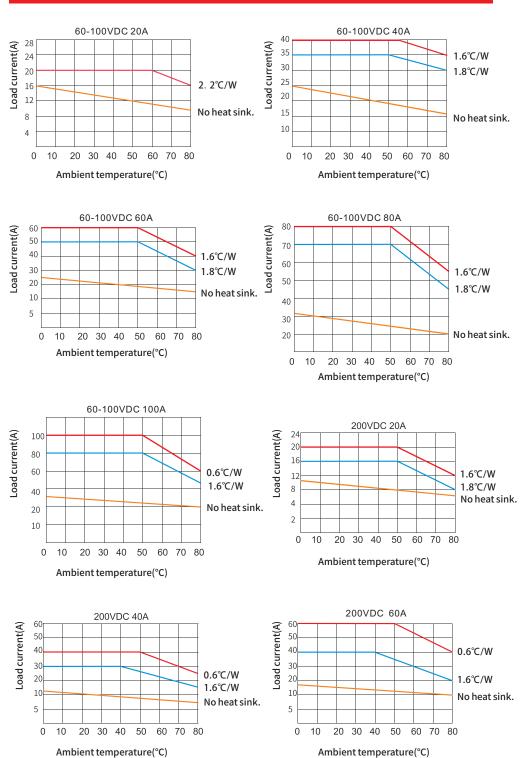


Output screw torque:(1.5-1.8)N·m

Input screw torque: (1.2-1.4)N·m

DC Solid state relay

Performance curve



DC Solid state relay

Current level selection

Considering the load surge current and relay overload capacity, to make the relay work with long life and high reliability, it is recommended to select the current magnification corresponding to the load type in the table below.

Load type	Resistance	Electric heating wire	Incandescent lamp	ransformer / electromagnet	Motor
Power factor	1.0	0.7	0.5	0.4	0.2
Magnification	1.5multiple	2multiple	2.5multiple	4multiple	7multiple

Note

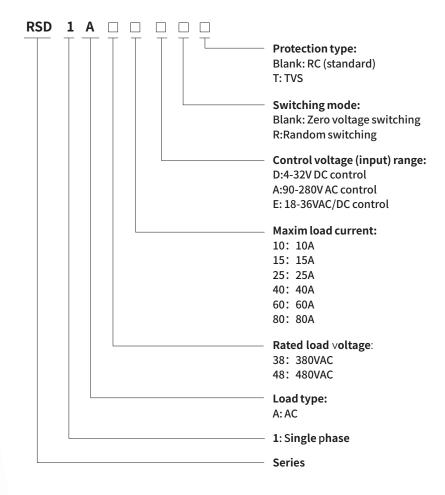
- 1. Please be sure to set fuse, air circuit breaker and other protective equipment on the power side to prevent short circuit.
- 2. When connecting inductive load, be sure to reverse parallel freewheeling diode at the load end (see "Terminal configuration and wiring diagram" for specific connection method)!
- 3. M5 screw and spring washer are used with 2N.m torque. After 3 hours of use, tighten it once with the same torque. To ensure the close contact and firm installation between the base plate of the solid-state relay (hereinafter referred to as the product) and the heat sink.
- 4. The product wiring shall be standard wire, and the cross-sectional area can be selected according to 5-8A per square millimeter. The terminal shall ensure that the wiring is firm. Loose wiring will lead to abnormal heating and damage to the product. In case of high temperature and high humidity environment, conductive compound shall also be coated on the connection part.
- 5. The input terminal is standard M4 screw, and the wiring tightening torque is (1.2-1.4) N.m. the output terminal is standard M5 screw, and the wiring tightening torque is (1.5-1.8) N.m.
- 6. Please do not connect the current above the rated specification. Otherwise, it may cause abnormal heating of the product.
- 7. Do not apply voltage exceeding the rated value on the input circuit and output circuit, and pay attention to the wrong connection of positive and negative polarity, otherwise the product will fail or burn.
- 8. Requirements for installatio: it shall be installed vertically on the chassis with good ventilation conditions, and make full use of the heat dissipation conditions of air convection. When two or more products are installed side by side, an appropriate large gap shall be reserved.
- 9. When the ambient temperature of the product is high, please refer to "Performance curve" to check the current temperature curve for derating. When it exceeds 60 °C, air cooling is needed to ensure that the temperature of the product bottom plate does not exceed 80 °C.
- 10. Before installation, maintenance and other operations, be sure to cut off the power supply in case of electric shock!

AC Solid state relay









Current level selection

Considering the load surge current and the overload capacity of the relay, so that the relay can work with long life and high reliability, it is recommended to select the current amplification factor corresponding to the load type in the following table.

Load type	Resistance	Electric heating wire	Incandescent lamp	Transformer / Electromagnet
Power factor	1.0	0.7	0.5	0.4
Magnification	1.5	2	2.5	4

Load type	Single phase motor	Three phase motor	Capacitor
Power factor	0.2	0.3	surge
Magnification	7	6	10

Voltage option

Load type	240V resistive or inductive load	380V resistive load	380V inducutive load	Capacitor load
Voltage	380V	480V		

AC Solid state relay

Product performance								
Input parameter (Ta=25℃)								
Part No.	RSD-1AxxxxD RSD-1AxxxxDR		RSD-1AxxxxA	RSD-1AxxxxAR				
Control voltage range	4~32	2VDC	90~280VAC					
Must ON voltage	4V	DC	90VAC					
Must OFF voltage	1V	DC	10VAC					
Control current range	6~2	5mA	6~20mA					
Maximum opening time	1/2cycle 1ms		20ms					
Maximum closing time	1/2cycle	10ms	30ms					

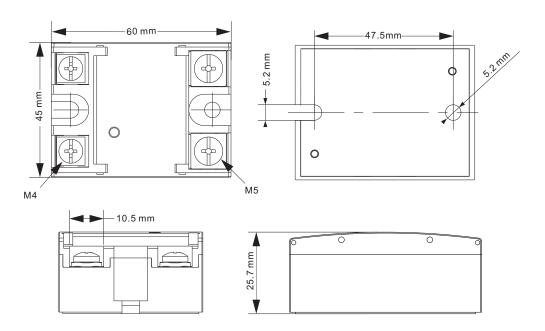
Part No.	RSD-1AxxxxE	RSD-1AxxxxER			
Control voltage range	18-36VAC/DC				
Must ON voltage	18VAC/DC				
Must OFF voltage	4VAC/DC				
Control current range	6-20mA				
Maximum opening time	20ms				
Maximum closing time	30ms				

Input parameter (Ta=25°C)							
Part No.		RSD-1A38x	XXX	F	RSD-1A48xxxx		
Rated load voltage (47-63Hz)		380VAC			480VAC		
Load voltage range		24-440VA	AC .		40-530VAC		
Transient Overvoltage		800Vpk			1200Vpk		
Critical rise rate of open-state voltage dv/dt	500V/ µ s						
Minimum load current		150mA					
Maximum open-state leakage current (at rated voltage)			1	0mA			
Maximum conduction voltage drop (at rated current)			:	L.5V			
Maximum load current	10A	15A	25A	40A	60A	80A	
Maximum surge current [@ 10ms]	120A	160A	250A	500A	700A	1000A	
Maximum I ² T value [@ 10ms]	80A ² s	112A ² s	312A ² s	800A ² s	1800A ² s	5000A ² s	

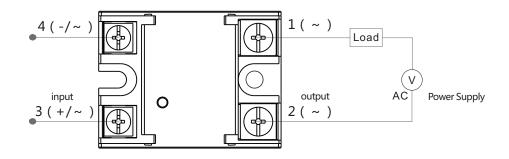
Other parameters (Ta=25 °C)						
Dielectric withstand	Input/Output	4000Vrms				
voltage (50/60Hz)	Input,output/base	2500Vrms				
Insulation resistance(@500VDC)	1000ΜΩ					
Operating temperature range	-30°C~+80°C					
Storage temperature range	-40°C~+100°C					
Operating ambient humidity range	5 ~ 85%RH (No condensation)					
Cooling mode	fan forced cooling is added for more than 60A					
Weight Approx	100g					

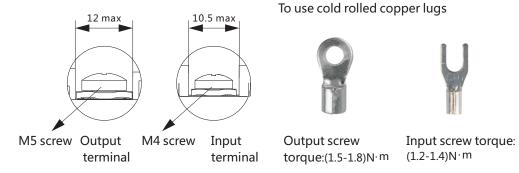
AC Solid state relay

Dimensions (mm)



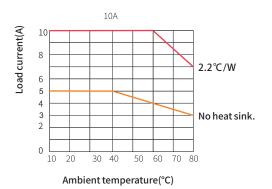
Wiring Diagrams

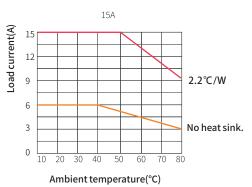


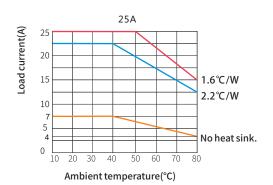


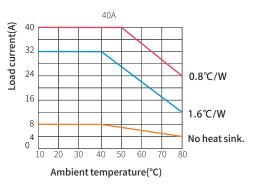
AC Solid state relay

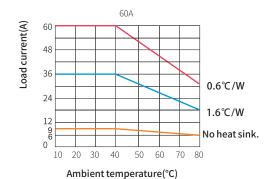
Performance curve

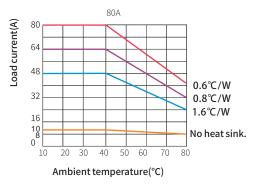












AC Solid state relay

Matters needing attention

- 1. Please be sure to set fast fuse, air switch and other protective equipment on the power supply side to prevent short circuit. The principle of selecting the current level of the breaker is slightly greater than the load current. Resistive load and inductive load should be protected by fast fuse, and motor, power compensation capacitor and other loads should be protected by air switch.
- 2. When the solid-state relay (hereinafter referred to as SSR) works below 20 $^{\circ}$ C, the minimum control voltage needs to be increased by 1V.
- 3. Selection of SSR: For AC load and most AC inductive load, zero-crossing SSR shall be selected; For 380V inductive load and capacitive load, it is recommended to use 480V zero-crossing trigger SSR; It is used as phase output control or optional when the frequency is high.
- 4. Overvoltage protection selection: built-in RC absorption circuit (standard configuration); Built-in transient voltage suppression diode TVS.
- 5. Installation between SSR and radiator: select the matching radiator (thermal resistance shall be as small as possible), and evenly coat the SSR base plate with thermal conductive silicone grease orPlace the silicone pad, use M5 screws and spring washers, and tighten them with 2N. m torque. After 3 hours of use, tighten them with the same torqueTimes. To ensure that the SSR base plate is in close contact with the radiator and installed firmly.
- 6. The product wiring should use standard wire, the sectional area can be selected according to 5-8A per square millimeter, and the terminal should ensure that the wiring is firm and looseIt will cause abnormal heating of the product and damage the product. In case of high temperature and high humidity environment, conductive paste should also be applied to the connection part.
- 7. Input terminal adopts M4 screw, wiring tightening torque is (1.2-1.4) N.m, output terminal adopts M5 screw, wiring tightening torqueIs (1.5-1.8) N.m
- 8. Please do not connect the current above the rated specification. Otherwise, abnormal heat of SSR may be caused.
- 9. Do not apply voltage exceeding the rated value on the input circuit and output circuit, otherwise it will cause SSR failure or burning.
- 10. Requirements for installation conditions: it should be installed vertically on the case with good ventilation conditions, and make full use of the heat dissipation conditions of air convection. When two or more SSRs are installed side by side, there should be an appropriate large gap.
- 11. The SSR needs to install a radiator. Refer to the product derating curve. Fan forced cooling is added for more than 60A, air cooling should also be used. In order to prevent the SSR from overheating and damage, a temperature control switch of 80 °C can be installed on the radiator in series in the control circuit for protection.

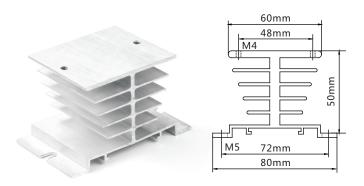


12. Warning! During installation, maintenance and other operations, be sure to cut off the power supply before installation or maintenance. In case of electric shock!

KSR-1 Series

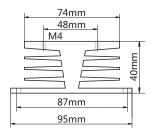
Single phase heat sink

Selection of heat sink: select the heat sink corresponding to thermal resistance according to
 "Performance curve" of solid-state relay. The smaller the thermal resistance value, the better
 the heat dissipation effect.



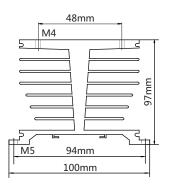
Part No.	LxWxH	Weight≈	Thermal resistance	
KSR-1A-50	50×80×50	70g	2.2°C/W	





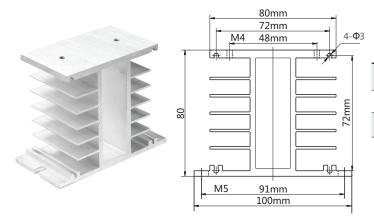
Part No.	t No. L x W x H		Thermal resistance	
KSR-1E-50	50×95×40	225g	1.8°C/W	





Part No.	LxWxH	Weight≈	Thermal resistance
KSR-1T-50	50×100×97	324g	1.6°C/W
KSR-1TF-76	76×100×97	580g	0.6°C/W

Note: the length of KSR-1TF-76 with fan is 76mm



Part No.	LxWxH	Weight≈	Thermal resistance
KSR-1H-50	50×100×80	220g	1.8℃/W
KSR-1HF-76	76×100×80	480g	0.8°C/W

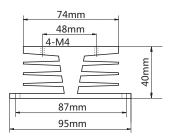
Note: the length of KSR-1TF-76 with fan is 76mm

KSR-3 Series

Three phase heat sink

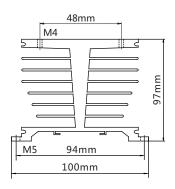
• Installation: Evenly coat the bottom plate of the solid-state relay with thermal grease or place a silicone pad, then install and tighten the screws.





Part No.	LxWxH	Weight≈	Thermal resistance	
KSR-3E-105	105×95×40	460g	1.1℃/W	

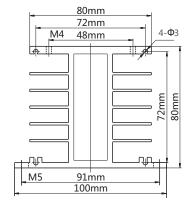




Part No.	LxWxH	Weight≈	Thermal resistance
KSR-3T-110	110×100×97	750g	0.8°C/W
KSR-3TF-136	136×100×97	1100g	0.35°C/W

Note: the length of KSR-3TF-136 with fan is 136mm.

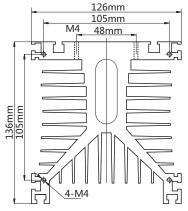




Part No.	No. LxWxH W		Thermal resistance
KSR-3H-110	110×100×80	460g	1°C/W
KSR-3H-150	150×100×80	630g	0.8℃/W
KSR-3HF-136	136×100×80	670g	0.5℃/W
KSR-3HF-176	176×100×80	840g	0.4°C/W

Note: the length of KSR-3HF-136 with fan is 136mm. Note: the length of KSR-3HF-176 with fan is 176mm





Part No.	LxWxH	Weight≈	Thermal resistance
KSR-3Y-110	110×126×136	1400g	0.5℃/W
KSR-3Y-150	150×126×136	1900g	0.4°C/W

The length of fan is 38mm.

TKB

Timer Relay

- Built-in dedicated IC program control mini time relay
- Reset time include mindway reset time under 100ms
- Use ⊖ screwdriver to set time
- Meet IEC60947-5-1: 2016 (GB/T14048.5-2017)



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Relay

+



Socket

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Relay module

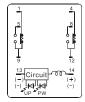
TKB 2 B 230A 5S		
T T T T	—— Rated time	
	1s: 0.1s-1s	5s: 0.2s-5s
	10s: 0.5s-10s	30s: 1s-30s
	60s: 2.0s-60s	3min: 0.1min-3min
	5min: 0.2min-5min	10min: 0.5min-10min
	30min: 1min-30min	
	—— Supply voltage	
	120A: 120VAC	
	230A: 230VAC	
	24D: 24VDC	
	Function	
	B: On-delay	
	E: Interval time-delay	opeartion
	F: Repeat-cycle off tim	ne delay
	—— Terminal Type	
	2: 2CO	
	4: 4CO	
	Series name	

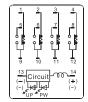
Characte	eristics						
Configuration	n	TKB2B		TKB2E	TKB4B	TKB4E	
Rated supply voltage		120VAC	120VAC, 230VAC 50/60Hz; DC24V				
Operating voltage range		Rated	oltage 85-1	10% (90%-110% is DC1	12V)		
Power consur	nption	3.5W					
Max.output load		5A, 250	VAC (p.f.=1)	3A, 250 VAC (p.f.	=1)	
Min. output lo	ad	10 mA,	17 VDC				
Repetitive erre	or	±2% (F	S max.)				
Setting error		±5% (F	S max.)				
Voltage error		±2% (F	S max.)				
Temperature	error	±2% (F	±2% (FS max.)				
Resetting time		Min.time: 0.2 sec					
Insulation resistance		100MΩ(DC500V)					
Dielectric stre	ngth	Between current-carrying and Non-current-carrying parts 2000V 50/60Hz min					
		Between control output terminals and operating circuit1500V 50/60Hz min					
		Between contacts 1000V 50/60Hz min					
Vibration	Destruction	10~55Hz with 0.75mm single amplitude each in 3directions for 2 hours each					
resistance	Malfunction	10~55Hz with 0.5mm single amplitude each in 3 directions for 10 minutes each					
Shock	Destruction	30G					
resistance	Malfunction	10G					
Storage temp	erature	-55~+85°C/ 5%~68%RH (18 months)					
Ambient temp	erature	-10°C~55°C					
Ambient humi	dity	35~85%RH (No condensation)					
Life	Mechanical	>10 ⁷	(under no l	oad, at 1,800 operation	s/hour)		
expectancy	Electrical	>105					
Weight		approx. 60g					
-		1					

TKB

Timer Relay

wiring diagram





TKB2B TKB2E

TKB4B TKB4E

Timing charts

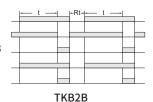
Power13-14

Time-limit contact (NC)9-1、12-4

Time-limit contact (NO)9-5、12-8

Power indicator

Output indicator



NOTE: t:set time, Rt: reset time

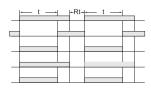
Power13-14

Time-limit contact (NC)9-1、12-4

Time-limit contact (NO)9-5、12-8

Power indicator

Output indicator



NOTE: t :set time, Rt: reset time

TKB2E

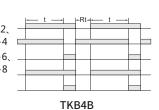
Power13-14

Time-limit contact (NC)9-1、10-2、 11-3、12-4

Time-limit contact (NO)9-5、10-6、 11-7、12-8

Power indicator

Output indicator



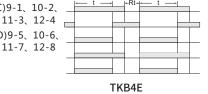
NOTE: t :set time, Rt: reset time

Power13-14

Time-limit contact (NC)9-1、10-2、

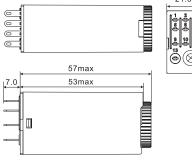
11-3、12-4 Time-limit contact (NO)9-5、10-6、

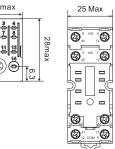
Power indicator
Output indicator



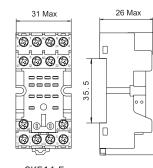
NOTE: t :set time, Rt: reset time

Dimensions(mm)





SKF08-E



69.6 Max

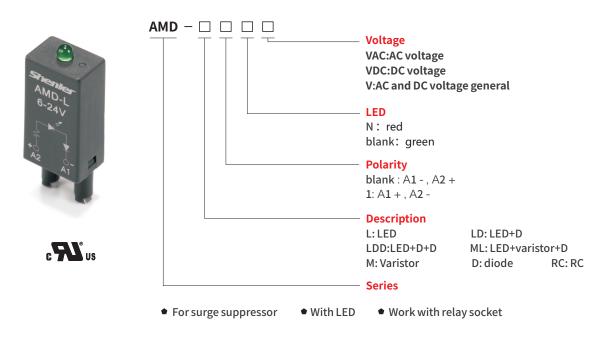
SKF14-E

Accessory Series

SR15L	SR2	20T	SR20F	SR25C	SK28L		SK36F
SRC/SRB	SF	RU	SRC/SRB	SRC/SRB	SKB/SK	С	SKB/SKC
SN20S	SR	2P	SK2P	SU3P	SK4F	D	SN64P
H		7					
SNC05-E/S	SRC/SF	RB/SRU	SKF	SUB	SKC/SK	В	SNC05-E/S SNB05-E/ST
ST01CC	SN20A	SN20B	SR08B	SR08C	PFP	SY36S	SR15M
SKC08/14-ST	mmmmmmm	THURSTANDAM.		No Se Se			
SRU05/08-ST SRC05/08-ST	SNB-E SNB-ST	SNC05-E/S	SRU05/08-E, SRC05/08-E	SRT05/08-E/-A/-ES	DIN	SYF	SRC05/08-P
SR2025M	SR27M	SR32M	SK36M	ST36M3C	ST36M4C	SE52M	SU60M
SRC05/08-P	SRU-E/SRU-ST	SRU-E/SRU-ST	SKC/SKB/SKF STB08-E	STB11-E	STB14-E	SEB11-E/P/PS	SUB-E

AMD Module

Socket accessories



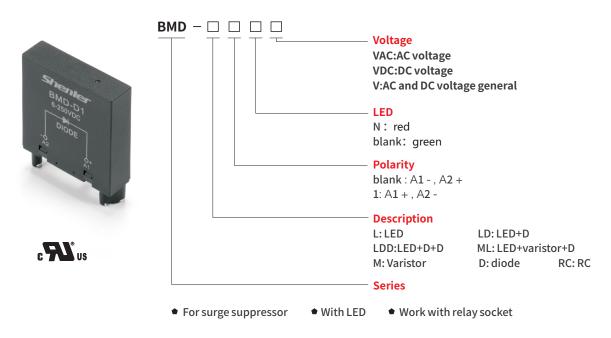
Parameters, Wiring diagrams and Dimensions (mm)

Р	art No.	Wiring Diagram	Voltage	Function	Part No.	Wiring Diagram	Voltage	Function	Dimensions (mm)
	MD-L1 MD-L1N	-O O+ A2 A1	6-24V 24-60V 110-240V	>LED indicator in AC/DC circuit (Polarity A2 - , A1 +	AMD-ML1 AMD-ML1N	0+ A2 A1	24V 60V 120V 240V	>Overvoltage protection in AC/DC circuit >LED indicator in AC/DC circuit (Polarity A2 - , A1 +)	9.0Max , 13.0Max ,
	.MD-L MD-LN	+0 0- A2 A1	6-24V 24-60V 110-240V	>LED indicator in AC/DC circuit (Polarity A2 +, A1 -)	AMD-ML AMD-MLN	+0	24V 60V 120V 240V	>Overvoltage protection in AC/DC circuit >LED indicator in AC/DC circuit (Polarity A2 +, A1 -)	N N N N N N N N N N N N N N N N N N N
	D-LDD1 D-LDD1N	-O + A2 A1		>Limit peak voltage in DC circuit >LED indicator in DC circuit >LED reverse voltage protection in DC circuit (Polarity A2 - , A1 +)	AMD-L1D AMD-LD1N	-O O+ A2 A1	24-60VDC	>Limit peak voltage in DC circuit >LED indicator in DC circuit (Polarity A2 - , A1 +)	Ø3.5 7.45
	ID-LDD ID-LDDN	+0 O- A2 A1	6-24VDC 24-60VDC 110-240VDC	>Limit peak voltage in DC circuit >LED indicator in DC circuit >LED reverse voltage protection in DC circuit (Polarity A2 +, A1 -)	AMD-LD AMD-LDN	+O O-A2 A1	04.001/00	>Limit peak voltage in DC circuit >LED indicator in DC circuit (Polarity A2 +, A1 -)	

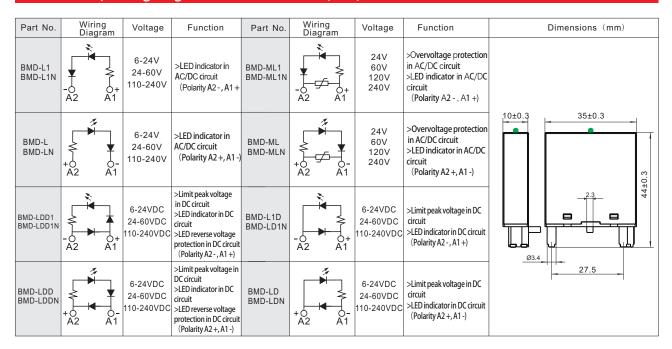
Part No.	Wiring Diagram	Voltage	Function	Part No.	Wiring Diagram	Wiring Voltage Function		Dimensions (mm)	
AMD-M	0 0 A2 A1	24V 60V 120V 240V	>Overvoltage protection in AC/DC circuit	AMD-D	+0 0- A2 A1	6-250VDC	>Limit peak voltage in DC circuit (Polarity A2 - , A1 +)	9.0Max 13.0Max W8	
AMD-RC	0 0 0 A2 A1	6-24VAC 24-60VAC 110-240VAC	> RC absorption in AC circuit	AMD-D1	-0 O+ A2 A1	6-250VDC	>Limit peak voltage in DC circuit (Polarity A2 +, A1 -)	<u>Ø3.5</u> 7.45	

BMD Module

Socket accessories



Parameters, Wiring diagrams and Dimensions (mm)



Part No.	Wiring Diagram	Voltage	Function	Part No.	Wiring Diagram	Voltage	Function	Dimensions (mm)
BMD-M	0 0 A2 A1	24V 60V 120V 240V	>Overvoltage protection in AC/DC circuit	AMD-D	+0 0- A2 A1	6-250VDC	>Limit peak voltage in DC circuit (Polarity A2 - , A1 +)	10±0.3 35±0.3 8:00 9:00 10±0.3 8:00 10±0.3
BMD-RC	0 0 A2 A1	6-24VAC 24-60VAC 110-240VAC	> RC absorption in AC circuit	AMD-D1	-0 O+ A2 A1	6-250VDC	>Limit peak voltage in DC circuit (Polarity A2+, A1-)	23.4 27.5



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