

Shenler

Bring reliability to everything we RELAY

Electromagnetic Relay Product Catalogue

Industrial Relays | Interface Relays | Timers | Sockets and Accessories



>>> About Shenler

Founded in 1985, Zhe Jiang Shenle Electric Co., Ltd. , is China leading industrial relay manufacturer with "Shenler" as China Top10 relay brand starting from 2007. Shenler focus on R & D, manufacturing and sales in industrial relay sector, providing more than 50 series, 1000 kinds of relay and socket products.

Shenler constantly maintains product consistency and reliability by implementing continuous improvement program through whole production process from product research and design, parts manufacturing, mold making, plastic injection to final assembling. In 2011, Shenler was awarded as Global Manufacturer by GMC audit committee.

Product Family	Certifications
P.C.B. Relays	UL
Industrial Relays	CSA
Interface Relays	CE
Timers	TUV
Sockets and Accessories	CQC

Over the years, Shenler has been committed to market acumen, technology innovation, and product quality to provide complete relay solutions to most industrial applications.

Shenler relays are widely used in construction machinery, hoisting machinery, machine tools, paper making equipment, motor control, lift, the robot, food and beverage, rubber machinery, ceramic machinery, printing and packaging, plastic machinery, textile machinery, logistics equipment, electronic manufacturing, petrochemicals, new energy and other fields.

Shenler has well established sales and service network covering mainland China and Taiwan, more than 50% products are exported to the United States, Germany, France, Italy, Japan, Korea and other countries and regions.

Shenler

>>> RUB General Purpose Relay



RUB2C



RUB3C

Features

- > 2 pole 3 pole 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

Ordering Information

RUB □ □ □ □

Contact form

2C: 2 change over

3C: 3 change over

Wiring type

1:-1

2:2-1

5:5-1 (3C only)

Coil voltage

006~220: 6~220VDC

506~740: 6~240VAC

Options

LT:LED + test button



Characteristics

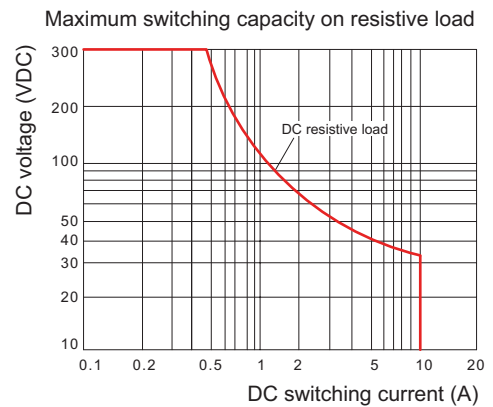
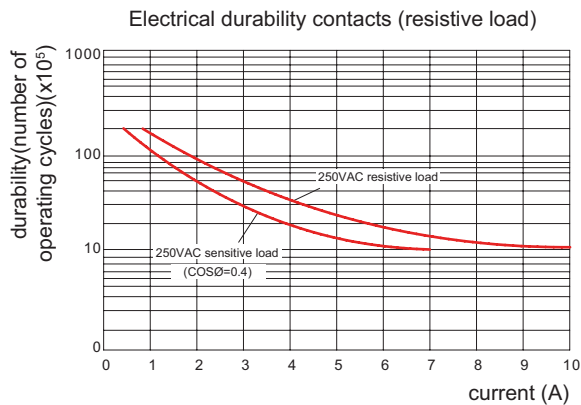
	Configuration	2C, 3C
	Rated current/Rated voltage	10A/250VAC 30VDC (resistive RES); 7A/250VAC 30VDC (perceptual GEN)
	Switching capacity (resistive)	2500VA, 300W
Contact	Initial contact resistance	≤50mΩ
	Material	Ag alloy
	Electrical durability	≥10 ⁶ times (1800 Ops/h)
	Mechanical durability	≥10 ⁷ times (18000 Ops/h)
	Pick-up voltage (23°C)	≤80%
	Drop-out voltage (23°C)	DC:≥10%, AC:≥30%
	Maximum voltage (23°C)	110%
	Insulation resistance	≥100mΩ (500VDC)
Coil operating power	DC(W)	approx. 1.5
	AC(VA)	approx. 2.7
	Operate time (at nominal voltage)	≤30 ms
	Release time (at nominal voltage)	≤20 ms
Initial breakdown voltage	Between open contacts	1000VAC/1min
	Between poles	2500VAC/1min
	Between contacts and coil	2500VAC/1min
	Ambient temperature	-10~+55°C
	Humidity	35%~85%RH
	Air pressure	86~106KPa
	Shock resistance	10G
	Vibration resistance	10~55Hz double-amplitude:1.5mm
	Mounting	Plug in
	Unit weight	approx. 85g

Coil Specifications (23°C)

Voltage code	006	009	012	024	036	048	110	220
Nominal voltage V.DC	6	9	12	24	36	48	110	220
Coil resistance Ω ($\pm 10\%$)	23.7	54	96	430	860	1640	7360	29500
Voltage code	506	512	524	536	548	615	730	740
Nominal voltage V.AC	6	12	24	36	48	115	230	240
Coil resistance Ω ($\pm 10\%$)	3.9	17	62.5	144	305	1250	5900	6500

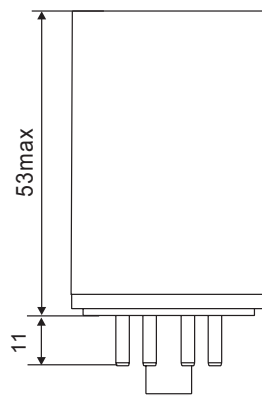
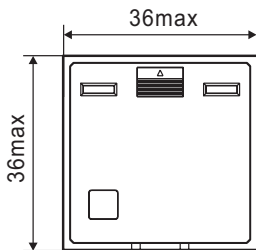
Contact Specification

RUB2CO/3CO

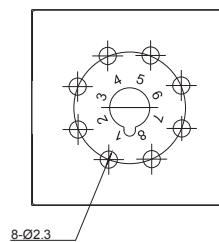


Dimensions (mm)

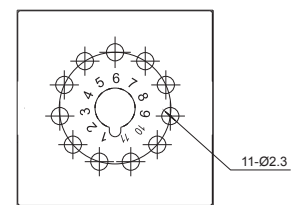
RUB



RUB2C

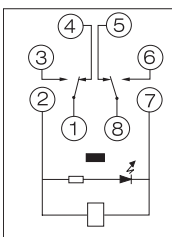


RUB3C

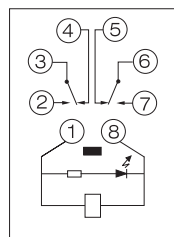


Wiring Diagrams

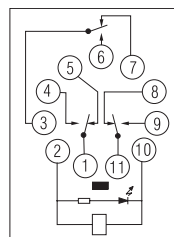
RUB2C1



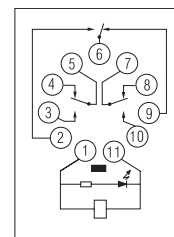
RUB2C2



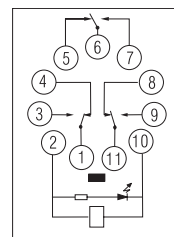
RUB3C1



RUB3C2



RUB3C5



>>> RUB General Purpose Relay

RUB Socket

>>> SUB□□-E

Presentation



12 AMPS 300 VOLTS



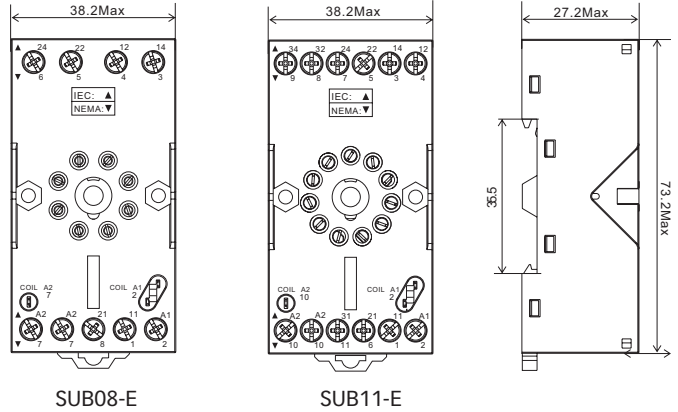
Characteristics

Type		SUB08-E	SUB11-E
Nominal load	Current	A	12
	Voltage	V	300
Dielectric strength	V/S	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

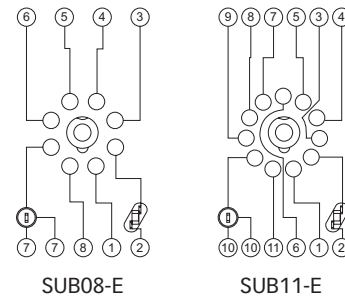
Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SUB08-E	-	SU60M	SU3P	BMD	PFP
SUB11-E	-	-	-	-	-

Dimensions (mm)



Connection Diagrams



>>> SUB□□-A

Presentation



15 AMPS 300 VOLTS



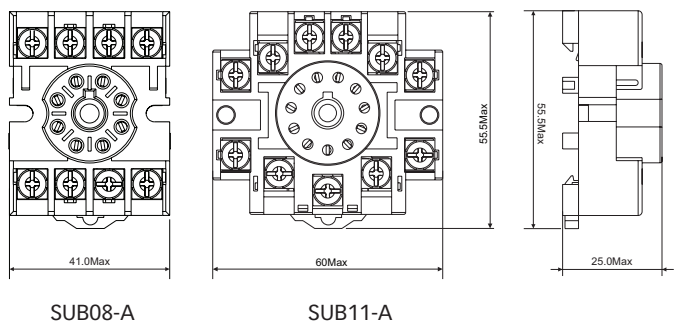
Characteristics

Type		SUB08-A	SUB11-A
Nominal load	Current	A	15
	Voltage	V	300
Dielectric strength	V/S	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	37	50

Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SUB08-A	-	-	-	-	PFP
SUB11-A	-	-	-	-	-

Dimensions (mm)



Connection Diagrams

