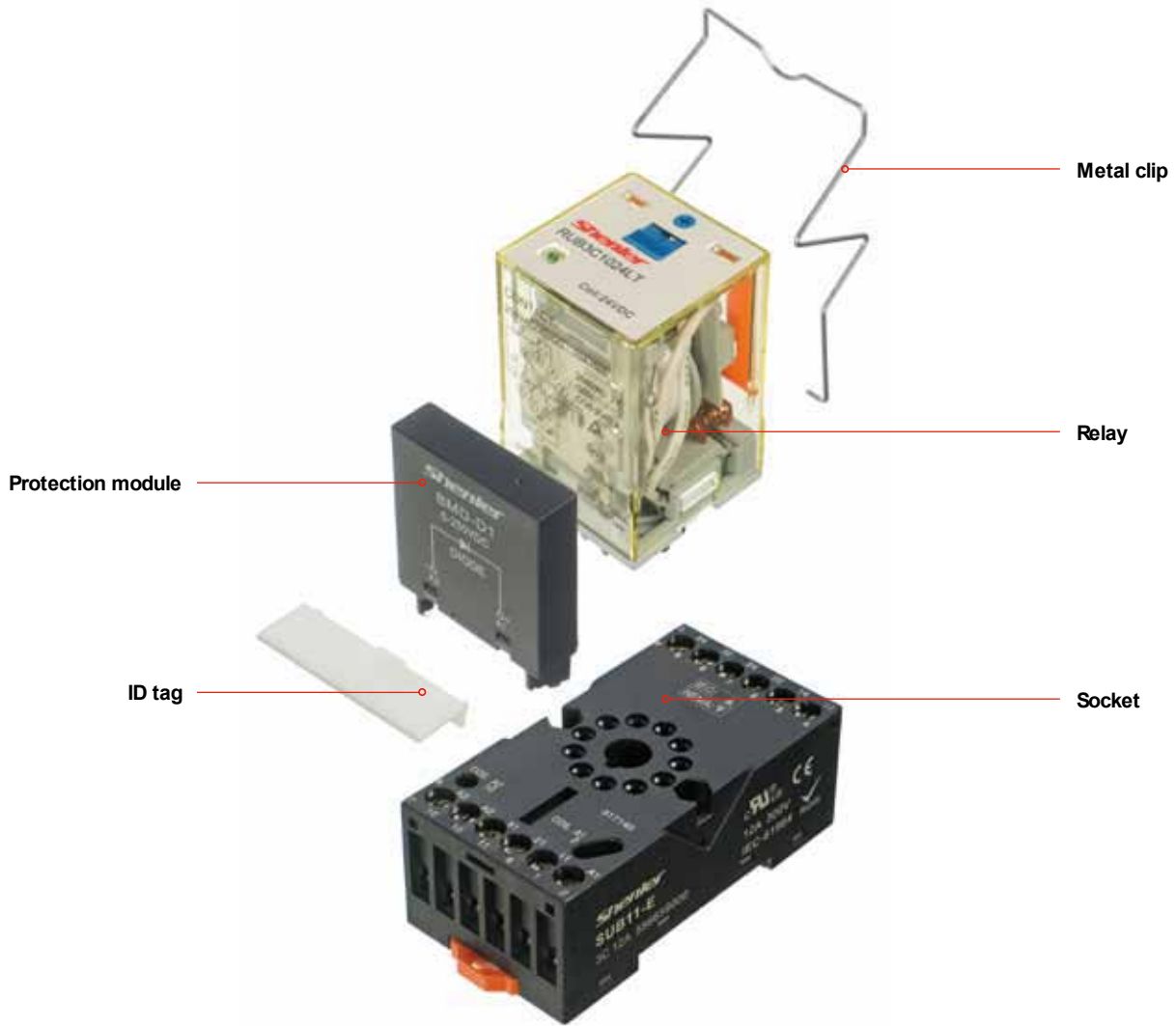


# >>> RUB General Purpose Relay

*Shenler*  
>>> Industrial Relay Series



## >>> Socket selection table



SUB□□-A

# >>> RUB General Purpose Relay



RUB2C



RUB3C

## Feature

- > High switching capacity
- > Stable plug-in connections
- > Double side LED integrated in relay
- > 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 configuration

- 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
- LTD: LED + test button + diode



## Characteristics

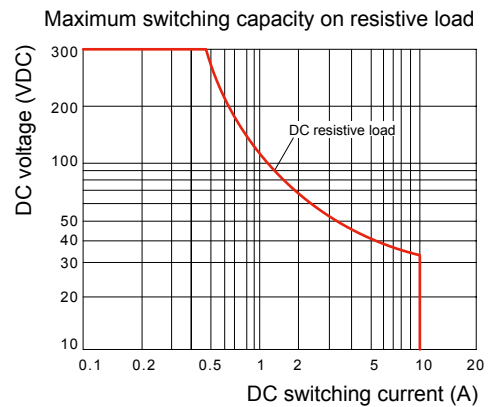
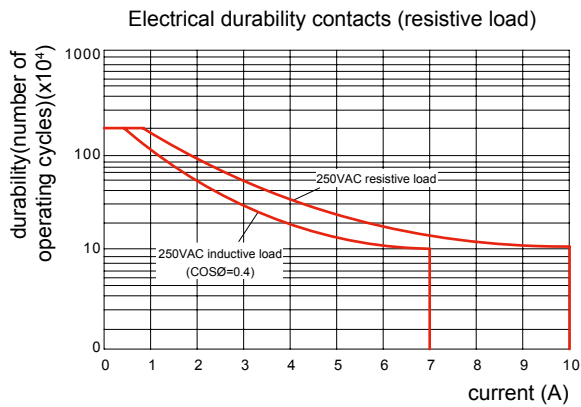
	Configuration	2C, 3C
	Rated current/rated voltage	10A/250VAC 30VDC (resistive RES); 7A/250VAC 30VDC (perceptual GEN)
	Switching capacity (resistive)	2500VA, 300W
Contact	Initial contact resistance	≤50mΩ
	Material	Ag alloy
	Electrical durability	≥10 <sup>5</sup> times (1800 Ops/h)
	Mechanical durability	≥10 <sup>7</sup> times (18000 Ops/h)
	Pick-up voltage (23℃)	≤80%
	Drop-out voltage (23℃)	DC:≥10%, AC:≥30%
	Maximum voltage (23℃)	110%
	Insulation resistance	≥100mΩ (500VDC)
Coil operating power	DC(W)	1.5
	AC(VA)	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℃
	Humidity	35%~85%RH
	Air pressure	86~106KPa
	Shock resistance	10G
	Vibration resistance	10~55Hz double-amplitude:1.5mm
	Mounting	Plug in
	Unit weight	2C:79g 3C:82g

### 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 $\Omega$ ( $\pm 10\%$ )	23.7	54	96	430	860	1640	7360	29500
Voltage Code	506	512	524	536	548	720	730	740
Nominal Voltage V.AC	6	12	24	36	48	220	230	240
Coil resistance $\Omega$ ( $\pm 10\%$ )	3.9	17	62.5	144	305	5170	5900	6500

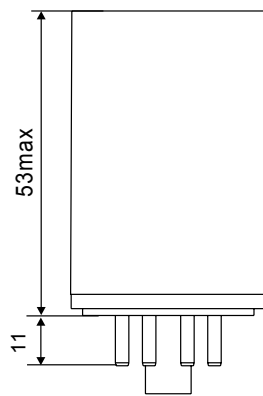
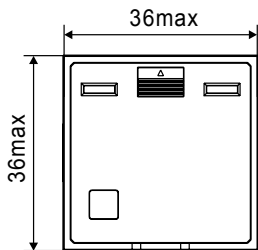
### Contact specification

#### RUB2CO/3CO

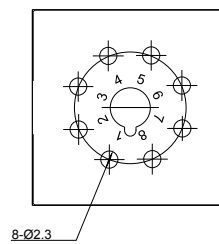


### Dimensions (mm)

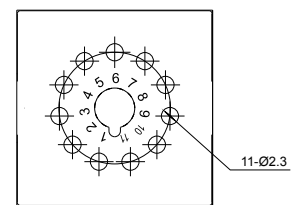
#### RUB



#### RUB2C

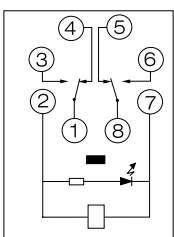


#### RUB3C

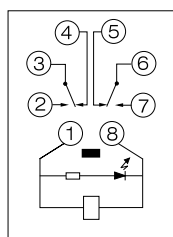


### Schemes

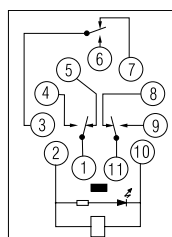
#### RUB2C1



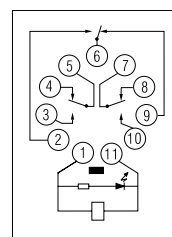
#### RUB2C2



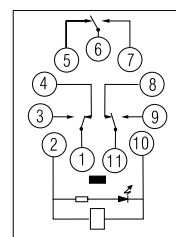
#### RUB3C1



#### RUB3C2



#### RUB3C5



# >>> RUB General Purpose Relay

## RUB Socket

### >>> SUB□□-E

#### Presentation



12 AMPS 300 VOLTS



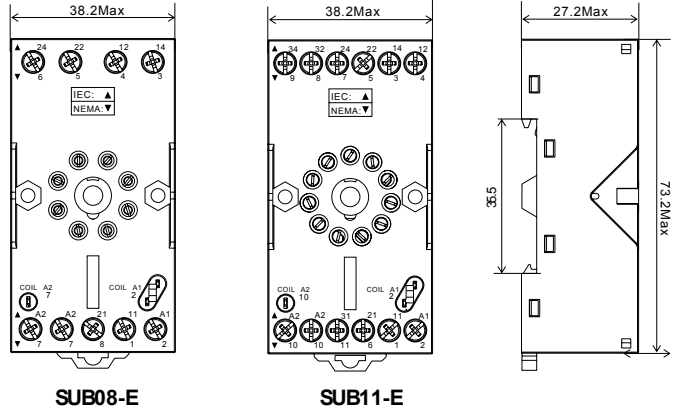
#### Characteristic

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 <sup>2</sup>	20-14/0.5-2.5	
Ambient temperature	°C	-40~+85	
Unit weight	g	50	55

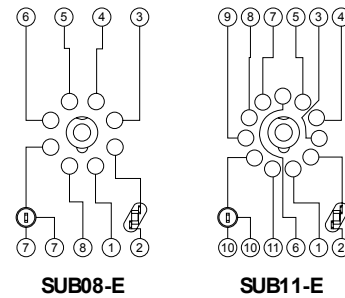
#### Relay, accessories selection table

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



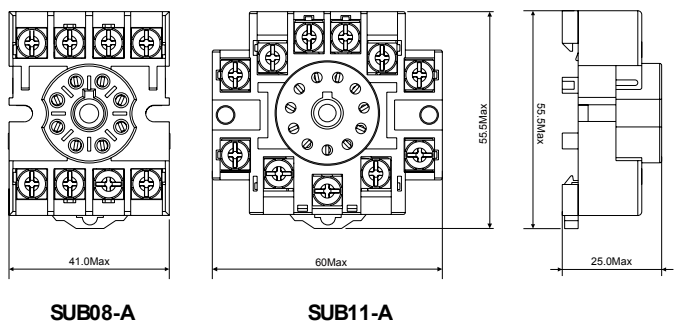
#### Characteristic

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 <sup>2</sup>	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

