

# >>> RFT Interface Relay



RFT1CO-LT



RFT2CO-LT

## Features

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

## Ordering Information

**Contact form** \_\_\_\_\_ RFT □ □ □ □

1C: 1 change over  
2C: 2 change over

**Terminal arrangement** \_\_\_\_\_

O: plug in

**Coil voltage** \_\_\_\_\_

006~110: 6~110VDC  
506~740: 6~240VAC

**Options** \_\_\_\_\_

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



## Characteristics

Configuration		1C	2C
Contact	Rated current/ Rated voltage	Resistive load 12A/250VAC, 30VDC	8A/250VAC, 30VDC
		Motor load 1/3HP, 240VAC	1/6HP, 240VAC
	Switching capacity (resistive)	3000VA, 360W	2000VA, 240W
	Initial contact resistance	≤50mΩ	
	Material	Ag alloy	
	Electrical durability	≥10 <sup>5</sup> times (1800 Ops/h)	
	Mechanical durability	≥10 <sup>7</sup> times (18000 Ops/h)	
	Pick-up voltage (23°C)	DC: ≤75% (rated voltage), AC: ≤80% (rated voltage)	
Drop-out voltage (23°C)	DC: ≥10% (rated voltage), AC: ≥30% (rated voltage)		
Maximum voltage (23°C)	110% (rated voltage)		
Insulation resistance	≥1000MΩ (500VDC)		
Coil operating power	DC (W)	approx. 0.53	
	AC (VA)	approx. 1	
Operate time (at nominal voltage)	≤20ms		
Release time (at nominal voltage)	≤10ms		
Initial breakdown voltage	Between open contacts	1000VAC/1min (leakage current 1mA)	
	Between poles	3000VAC/1min (leakage current 1mA)	
	Between contacts and coil	5000VAC/1min (leakage current 1mA)	
Ambient temperature	-40~+55°C		
Humidity	5%~85%RH		
Air pressure	86~106KPa		
Shock resistance	10G		
Vibration resistance	10~55Hz double-amplitude: 1.0mm		
Mounting	plug in		
Unit weight	Approx. 20g		

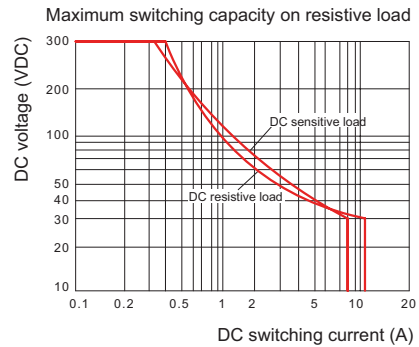
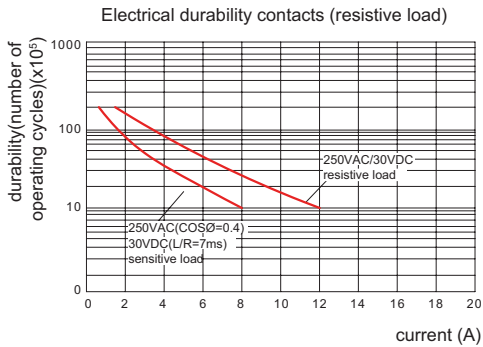
### Coil Specifications (23°C)

Voltage code	006	009	012	024	036	048	110	
Nominal voltage V.DC	6	9	12	24	36	48	110	
Coil resistance Ω	68	150	270	1100	2440	4300	22800	
Voltage code	506	512	524	548	615	720	730	740
Nominal voltage V.AC	6	12	24	48	115	220	230	240
Coil resistance Ω	16	63	240	1085	6300	21000	23000	25000

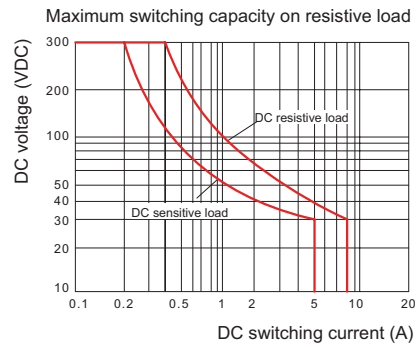
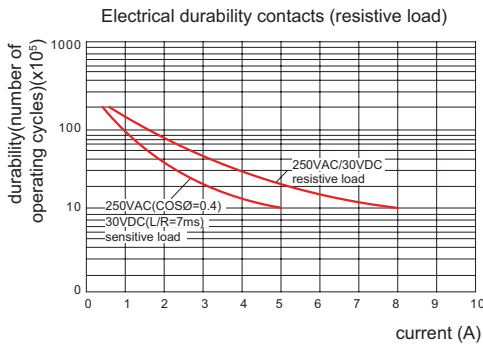
Remarks: Coil resistances under coil voltage 110V are measured with tolerances of 10%; above coil voltage 110V are measured with tolerances of 15%.

### Contact Specification

#### RFT1CO-LT

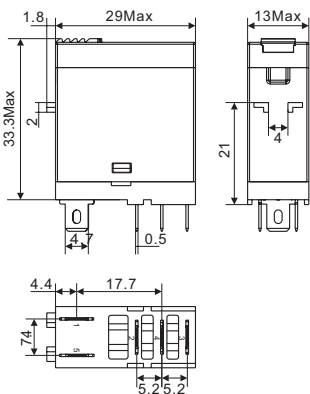


#### RFT2CO-LT

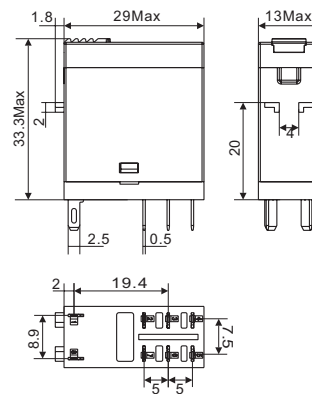


### Dimensions (mm)

#### RFT1CO-LT

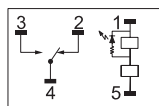


#### RFT2CO-LT

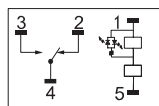


### Wiring Diagrams

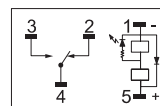
#### RFT1COLT AC



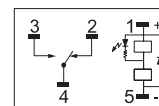
#### RFT1COLT DC



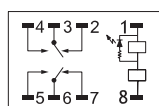
#### RFT1COLTD DC



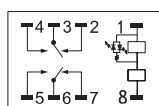
#### RFT1COLTD1 DC



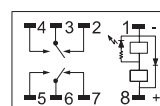
#### RFT2COLT AC



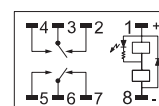
#### RFT2COLT DC



#### RFT2COLTD DC



#### RFT2COLTD1 DC



# >>> RFT Interface Relay

## RFT Socket

### >>> SRT□□-E

#### Presentation



10/16 AMPS 300 VOLTS



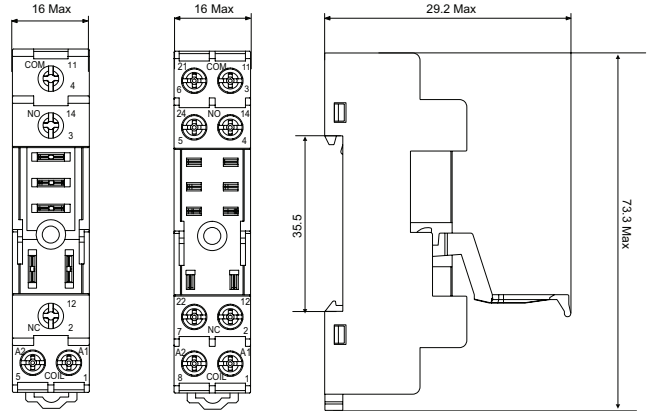
#### Characteristics

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

#### Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SRT05-E	SR20	-	-	-	PPF
SRT08-E					

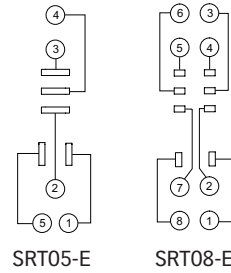
#### Dimensions (mm)



SRT05-E

SRT08-E

#### Connection Diagrams



SRT05-E

SRT08-E

### >>> SRT□□-A

#### Presentation



10/16 AMPS 300 VOLTS



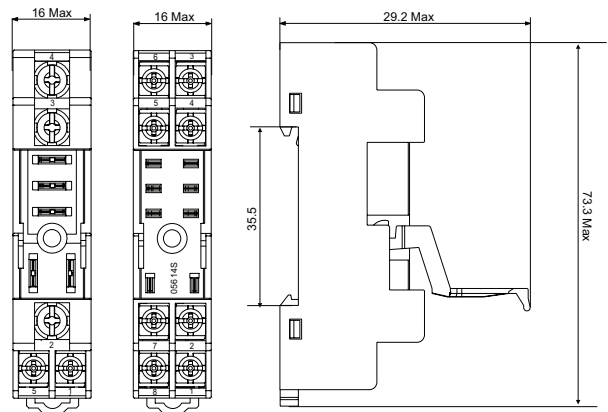
#### Characteristics

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

#### Relay, accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SRT05-A	SR20	-	-	-	PPF
SRT08-A					

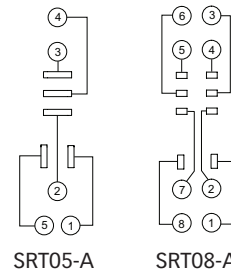
#### Dimensions (mm)



SRT05-A

SRT08-A

#### Connection Diagrams



SRT05-A

SRT08-A

**RFT Socket**

▶▶ **SRU□□-E**

**Presentation**



**10/16 AMPS 300 VOLTS**



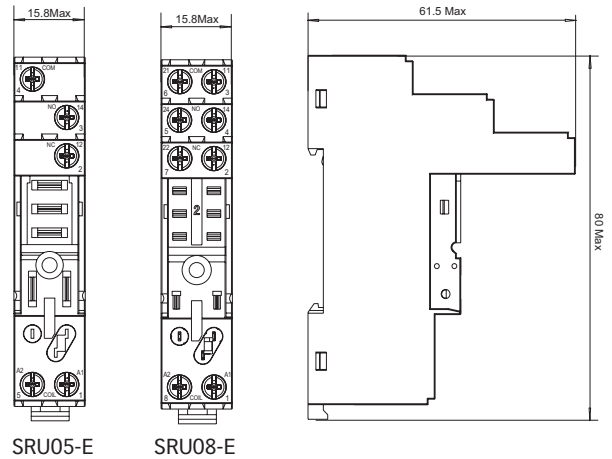
**Characteristics**

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

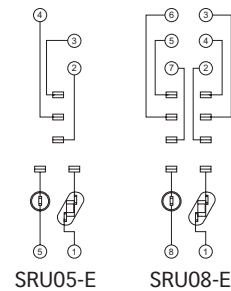
**Relay, accessories selection table**

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

**Dimensions (mm)**



**Connection Diagrams**



▶▶ **SRT□□-P**

**Presentation**



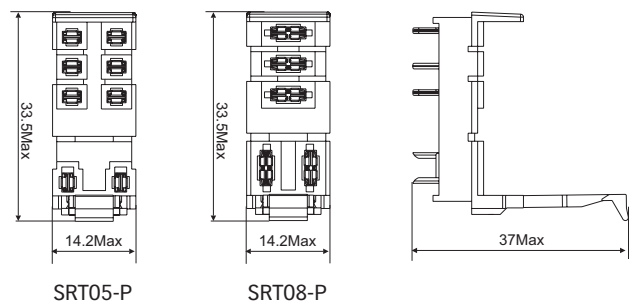
**10/16 AMPS 300 VOLTS**



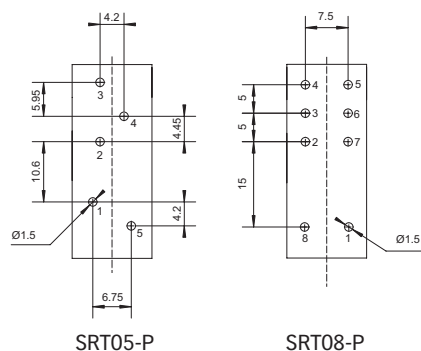
**Characteristics**

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

**Dimensions (mm)**



**Connection Diagrams**



# RKE-LS

## Sealed Power Relay

**Shenler**

Bring reliability to everything we RELAY

Humidity proof  
Oil proof  
Dust proof



With double side LED,inspection window

Good performance in bad working condition, especially in much oil,dust,humidity place

IP62

Small size,high sensitive



### Ordering Information

RKE □ □ □ □

Contact form  
2, 4 (C: Change over)

Mount options  
O: Plug in

Options

LS: LED + Sealed

LSA: LED + Sealed + Signal Control

Coil voltage

006~220: 6~220VDC

506~880: 6~380VAC

### >>> Application Area



Cement machinery



Ceramic machinery



Woodworker Machinery



Textile machinery



Foundry machinery



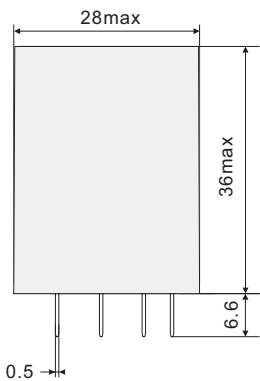
Shipbuilding

## Characteristics

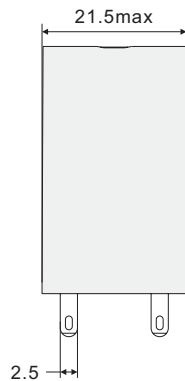
Form		2C	4C
Load(Resistance)	Resistance (AC-1)	7A/250VAC 30VDC	5A/250VAC 30VDC
	Motor (AC-15)	1/3HP, 240VAC	1/6HP, 240VAC
Contact	Switching power (Resistance)	1750VA, 210W	1250VA 150W
	Contcat resistance (Initial)	≤50mΩ	
	Material	Ag alloy	
	Electrical life (Rating 1s open,1s closed)	≥10 <sup>5</sup> times (1800 Ops/h)	
	Mechanical life (Rating 300 times/miu)	≥10 <sup>7</sup> times (18000 Ops/h)	
	Pick-up voltage (23℃)	DC:≤75% Rated voltage, AC:≤80% Rated voltage	
	Drop-out voltage (23℃)	DC:≥10% Rated voltage,AC:≥30% Rated voltage	
	Max. voltage (23℃)	110% Rated voltage	
Insulation resistance		≥500MΩ (500VDC)	
Coil operating power	DC(W)	0.9	
	AC(VA)	1.2	
Operation time (rated voltage)		≤20 ms	
Release time (rated voltage)		≤20 ms	
Initial breakdown voltage	Between contacts	1000VAC/1min (Leakage current 1mA)	
	Between different contacts	1500VAC/1min (Leakage current 1mA)	
	Between contacts and Coil	2000VAC/1min (Leakage current 1mA)	
Ambient temperature		-55~+70℃	
Shock resistance		10G	
Vibration resistance		10~55Hz double-amplitude:1.0mm	
Mounting		Plug in	
Unit weight		35g	

## Dimensions (mm)

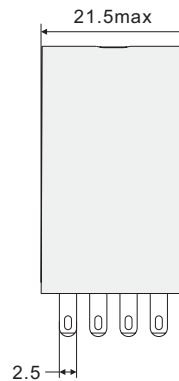
Side view



Front view (2C)



Front view (4C)



# Shenler

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The official WeChat: Shenle relay

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# >>> REH Magnetic Blow-out Power Relay



## Features

- > 2 pole 3 pole contact load 16A
- > With blow-out magnet
- > 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

REH

Contact form \_\_\_\_\_  
 1A (Normally open)  
 2A (Normally open)

Mount options \_\_\_\_\_  
 O: plug in

Coil voltage \_\_\_\_\_  
 012~220: 12~220VDC  
 524~900: 24~400VAC

Options \_\_\_\_\_  
 LT: LED + Test Button



## Characteristics

Contcat	Configuration	1A/2A	
	Rated current/ Rated voltage	Resistance	16A/400VAC
		Resistance	16A/30VDC; 10A/220VDC
		Sensitive	3A/220VDC
	Switching capacity	Resistance	6400VA
		Resistance	480W; 2200W
		Sensitive	660W
	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°C)	DC:≤75% (Rated voltage), AC:≤80% (Rated voltage)	
	Drop-out voltage (23°C)	DC:≥10% (Rated voltage), AC:≥30% (Rated voltage)	
Maximum voltage (23°C)	110% (Rated voltage)		
Insulation resistance	≥1000MΩ (500VDC)		
Coil operating power	DC(W)	approx. 1.5	
	AC(VA)	approx. 2.5	
Operate time (at nominal voltage)	≤20 ms		
Release time (at nominal voltage)	≤20 ms		
Initial breakdown voltage	Between open contacts	1500VAC/1min (Leakage current 1mA)	
	Between poles	4000VAC/1min (Leakage current 1mA)	
	Between contacts and coil	4000VAC/1min (Leakage current 1mA)	
Ambient temperature	-40~+55°C		
Humidity Air pressure	35%~85%RH		
Air pressure	86~106KPa		
Shock resistance	10G		
Vibration resistance	10~55Hz double-amplitude:1.0mm		
Mounting	plug in		
Unit weight	approx. 90g		

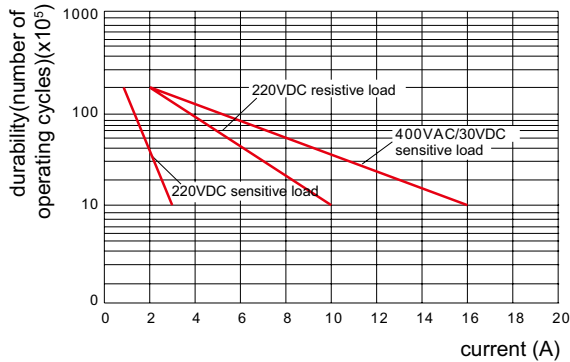
### Coil Specifications (23°C)

Voltage code	012	024	048	110	220	
Nominal voltage V.DC	12	24	48	110	220	
Coil resistance $\Omega$ ( $\pm 10\%$ )	100	400	1600	8400	33000	
Voltage code	524	548	615	730	880	900
Nominal voltage V.AC	24	48	115	230	380	400
Coil resistance $\Omega$ ( $\pm 10\%$ )	100	350	2200	8000	26000	27000

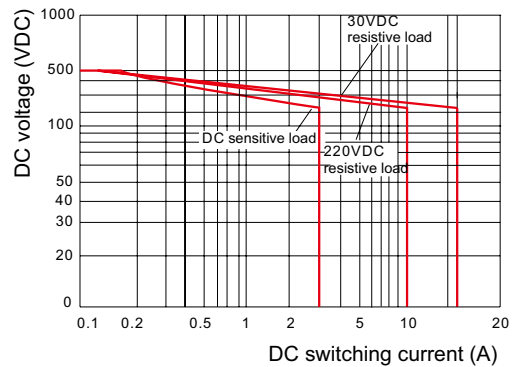
### Contact Specification

#### REH1AO/2AO

Electrical durability contacts (resistive load)

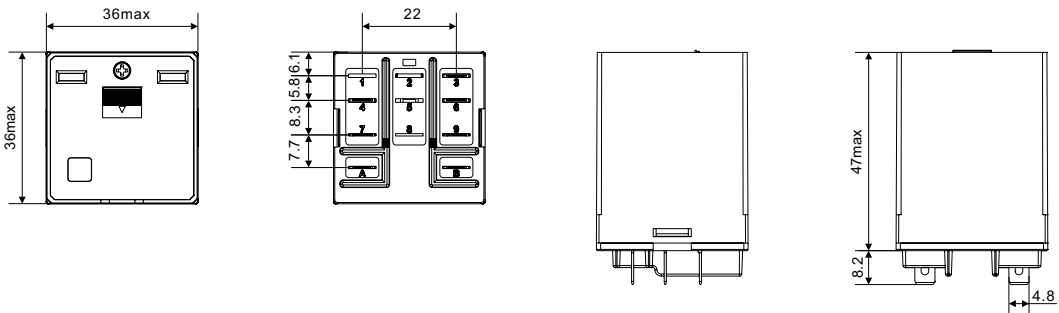


Maximum switching capacity on resistive load



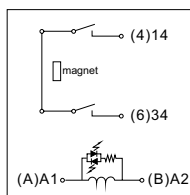
### Dimensions (mm)

#### REH1AO/2AO

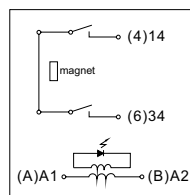


### Wiring Diagrams

#### REH1AO

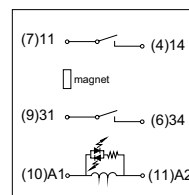


DC

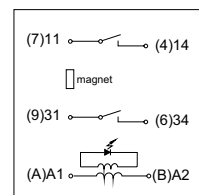


AC

#### REH2AO



DC



AC



# >>> REH Power Relay

## REH Socket

### >>> SEB11-E

#### Presentation



25 AMPS 500 VOLTS



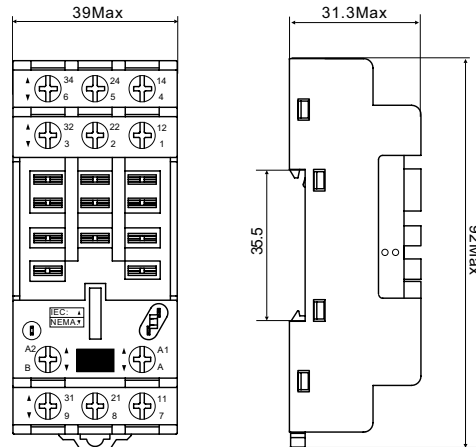
#### Characteristics

Nominal load	Current	A	25
	Voltage	V	500
Dielectric strength	Between coil and contact	V/S	4000
	Between contacts	V/S	4000
Max. tightening torque	Nm		1.2
Wire size	AWG/mm <sup>2</sup>		20-12/0.5-3.3
Ambient temperature	°C		-40~+85
Unit weight	g		64

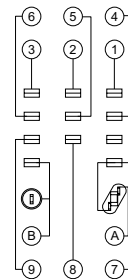
#### Relay,accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SEB11-E	-	SE52M	-	BMD	PFP

#### Dimensions (mm)



#### Connection Diagrams



### >>> SEB11-P

#### Presentation



15 AMPS 300 VOLTS



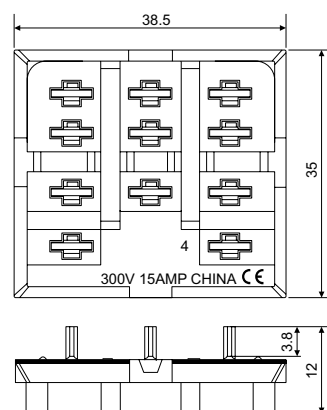
#### Characteristics

Nominal load	Current	A	15
	Voltage	V	300
Dielectric strength	V/S		2500
Ambient temperature	°C		-40~+85
Unit weight	g		8.4

#### Relay,accessories selection table

Socket	Plastic clip	Metal clip	ID tag	Module	DIN rail
SEB11-P	-	SE48M	-	-	-

#### Dimensions (mm)



#### Connection Diagrams

