

- 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



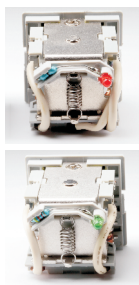
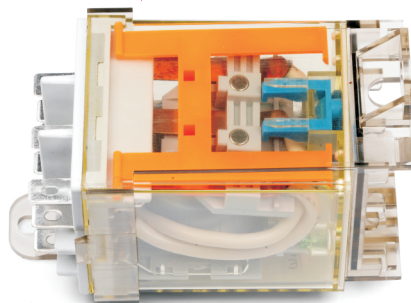
LED

Visible LED indicates the working status of the relay at any time, AC red, DC green

BMD module

REH-DA Mounting Adaptor

To meet with different mounting way, extra cover is available for both bracket mount and top flange integrated.

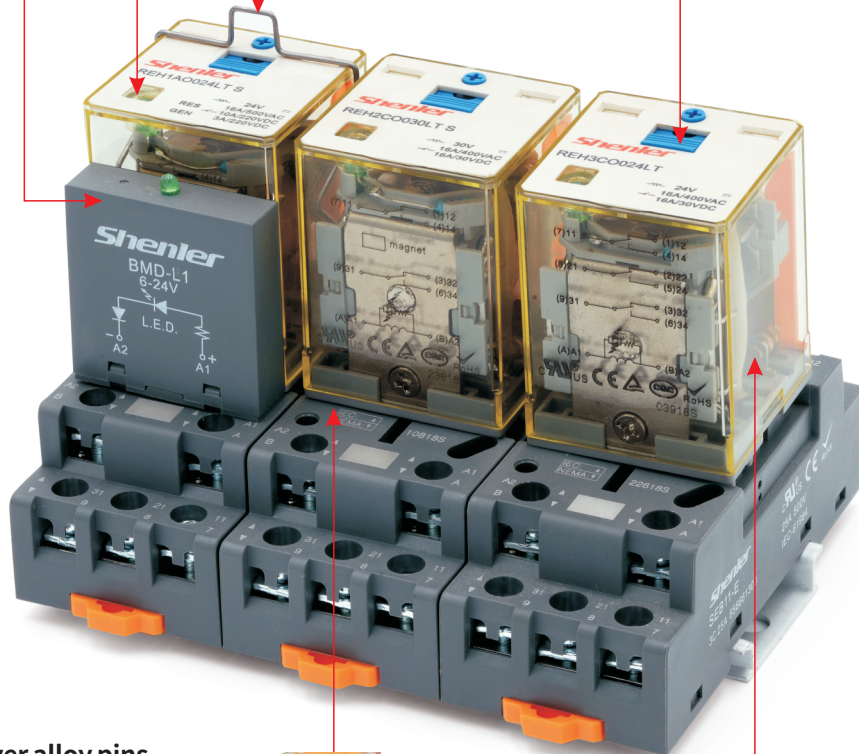


Metal clip

The relay is firmly attached to the socket by Metal clip.

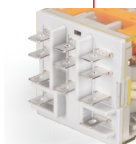
Test button

On-site test is available with test button.



Silver alloy pins

High-quality silver alloy pins, strong contact, instantaneous conductivity and stable performance.



Silver alloy contacts

It can carry more current, with stronger conductivity and more sensitive response, and greatly extend electrical life, and works more stable.



Relay

+



Socket

=



Relay module

REH □ □ □ □

Other options

L: LED

LT: LED + test button

LTD: LED + test button + diode (A1-, A2+)

LTD1: LED + Test button + diode (A1+, A2-)

Coil voltage code

Code	006	012	024	048	110	220	
Voltage (V DC)	6	12	24	48	110	220	
Code	506	524	548	615	730	880	900
Voltage (V AC)	6	24	48	115	230	380	400

Terminal arrangement

O: plug in

Contact form

2C: 2CO

3C: 3CO

Series name

Characteristics

Configuration		2C,3C	2COLTS
Load	Resistive	16A/300VAC 30VDC	
	Resistive	—	10A/220VDC
	inductive	—	3A/220VDC(L/R=7ms)
Motor load		1/2HP, 120VAC; 1HP, 240VAC	
Contact	Max. switching capacity (resistive)	4800VA, 480W	2200W
	Max. switching capacity (inductive)	2500VA, 90W	660W
	Initial contact resistance	≤50mΩ	
Material		Ag alloy	
Electric durability(110%rated voltage, 55°C)		≥60 x 10 ⁴ Cycles (600 Ops/h)	
Electric durability (Normal temperature)		≥5000 x 10 ⁴ Cycles (18000 Ops/h)	
Mechanical durability		≥2000 x 10 ⁴ Cycles (18000 Ops/h)	
Pick-up voltage (23°C) (Rated voltage)		DC:≤75%, AC:≤80% 50/60Hz	
Drop-out voltage (23°C) (Rated voltage)		DC:≥10%, AC:≥30% 50/60Hz	
Maximum voltage (23°C) (Rated voltage)		110%	
Insulation resistance		≥1000MΩ (500VDC)	
Coil operating power	DC(W)	approx. 1.5	
	AC(VA)	approx. 2.5	
Operate time&Release time (at nominal voltage)		≤20ms	
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)	
Insulation characteristics	Rated voltage	300VAC	
	Pollution level	3	
IEC 60664	UL840	Overvoltage level	III
Impulse withstand voltage (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 weight		approx. 90g	

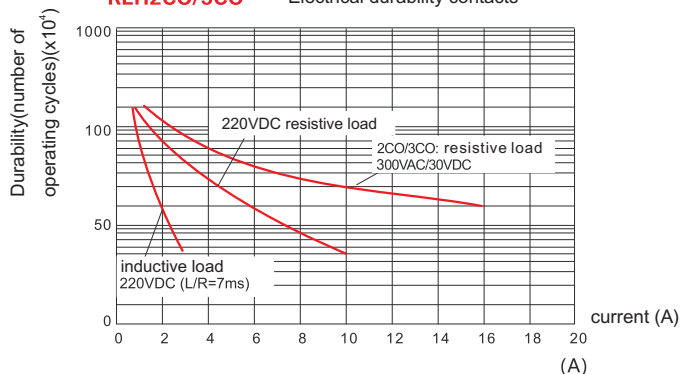
Coil Specifications (23°C)

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

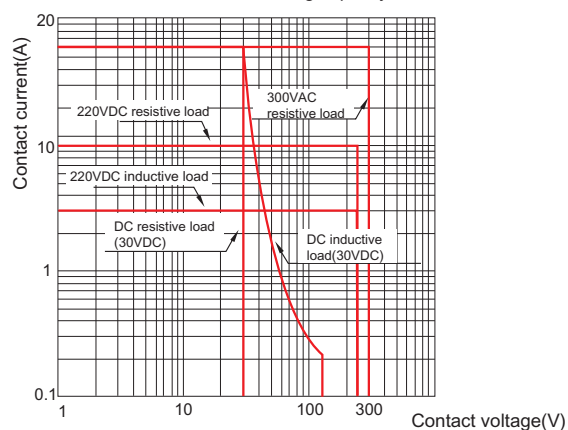
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\%$, above 110V with tolerance of $\pm 15\%$.

Contact Specification

REH2CO/3CO Electrical durability contacts

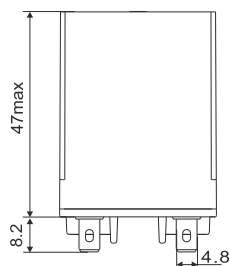
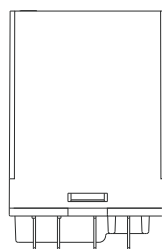
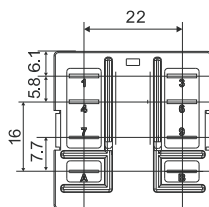
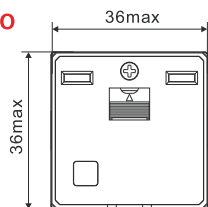


Maximum switching capacity

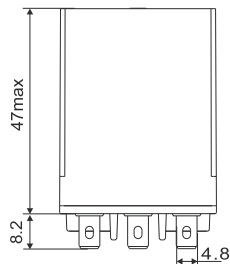
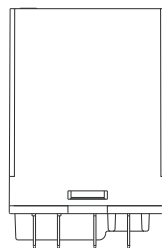
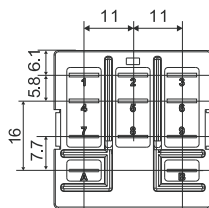
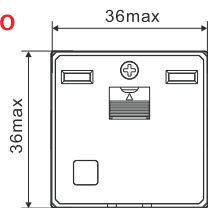


Dimensions (mm)

REH2CO

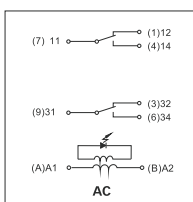
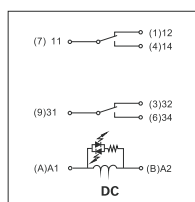


REH3CO

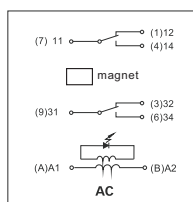
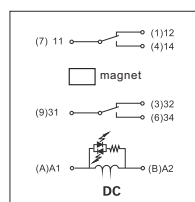


Wiring Diagrams

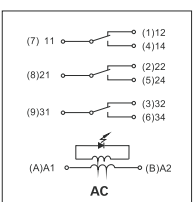
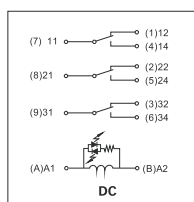
REH2CO



REH2COLTS



REH3CO



REH

Magnetic Blow-out
Power Relay



Series Name

+



Socket

=



Relay module

REH □ □ □ □

Other options

L S: LED + magnet

LT S: LED +test button + magnet

Coil voltage code

Code	012	024	048	110	220	
Voltage (V DC)	12	24	48	110	220	
Code	524	548	615	730	880	900
Voltage (V AC)	24	48	115	230	380	400

Terminal arrangement

O: plug in

Contact form

Code	1A	1B	2A	2B	2FO	3A
Contact form	1NO	1NC	2NO	2NC	1NO&1NC	3NO

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)

Characteristics

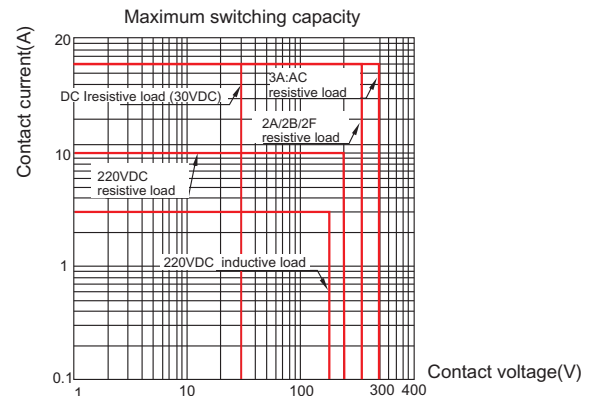
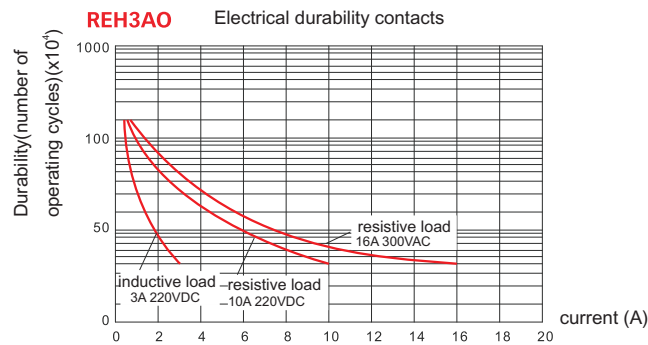
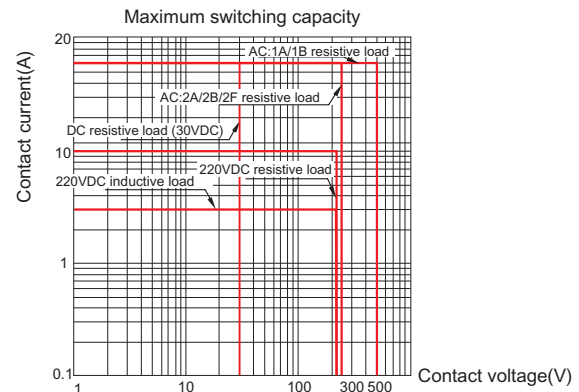
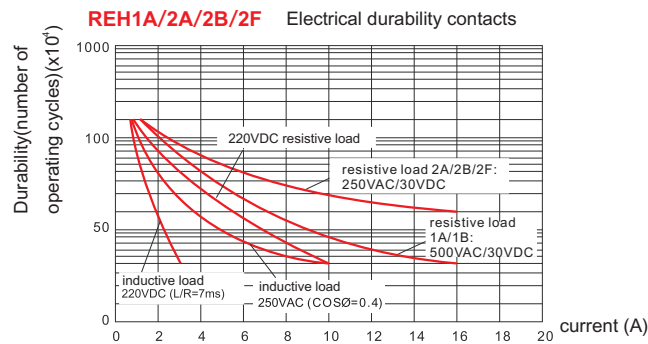
Configuration		1A,1B	2A,2B,2FO	3A
Load	Resistive	16A/500VAC	16A/250VAC	16A/300VAC
	Resistive	10A/220VDC 16A/30VDC		
	inductive	10A/250VAC(cosΦ0.4); 3A/220VDC(L/R=7ms)		
Contact	Switching capacity	8000VA	4000VA	4800VA
	Resistive	2200W		
	inductive	2500VA(cosΦ0.4);660W(L/R=7ms)		
Initial contact resistance		≤50mΩ		
Material		Ag alloy		
Electrical durability(110%rated voltage, 55°C)		≥60 x 10 ⁴ Cycles (600 Ops/h)		≥20 x 10 ⁴ Cycles (600 Ops/h)
Mechanical durability		≥5000 x 10 ⁴ Cycles (18000 Ops/h)		
Pick-up voltage (23°C) (Rated voltage)		DC:≤75% , AC:≤80% 50/60Hz		
Drop-out voltage (23°C) (Rated voltage)		DC:≥10% , AC:≥30% 50/60Hz		
Maximum voltage (23°C) (Rated voltage)		110%		
Insulation resistance		≥1000MΩ (500VDC)		
Coil operating power	DC (W)	approx. 1.5		
	AC (VA)	approx. 2.5		
Operate time&Release time (at nominal voltage)		≤20ms		
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)		
Insulation characteristics	Rated voltage	400VAC	250VAC	250VAC
	Pollution level	2	3	3
IEC 60664 UL840 Overvoltage level		II	III	III
Protection level		IP20		
Storage temperature/ humidity		-20~+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 weight		approx. 90g		

Coil Specifications (23°C)

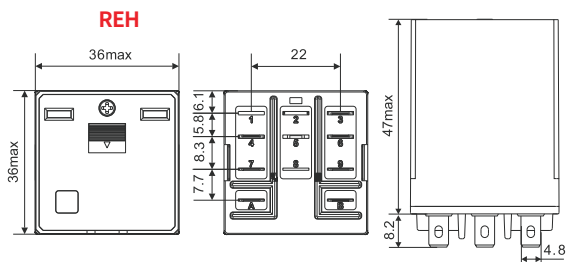
Nominal voltage V.DC	12	24	48	110	220	
Coil resistance Ω	96	385	1540	8070	32270	
Nominal voltage V.AC	24	48	115	230	380	400
Coil resistance Ω	100	350	2200	8000	26000	27000

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

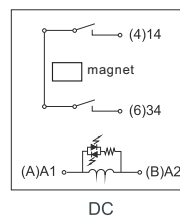
Contact Specification



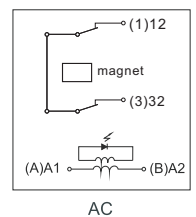
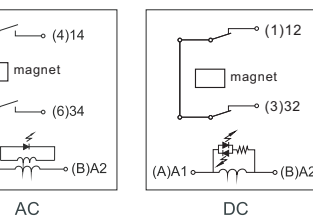
Dimensions (mm) & Wiring Diagrams



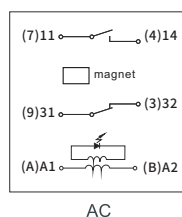
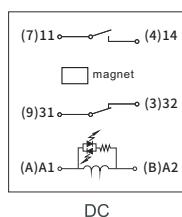
REH1AO



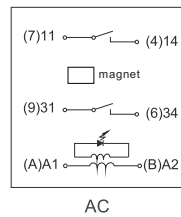
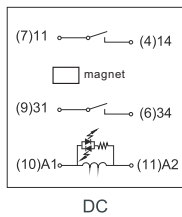
REH1BO



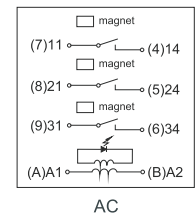
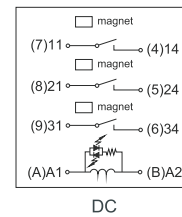
REH2FO



REH2AO



REH3AO



Characteristics

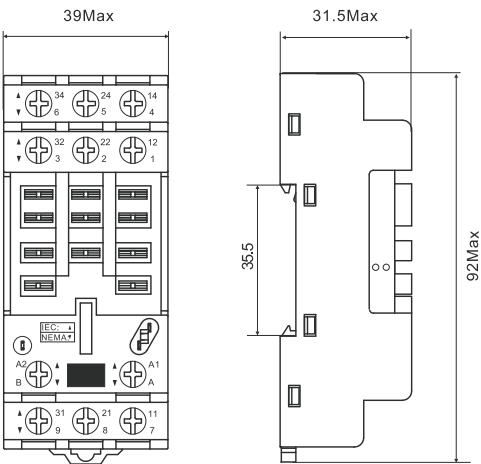


SEB11-E

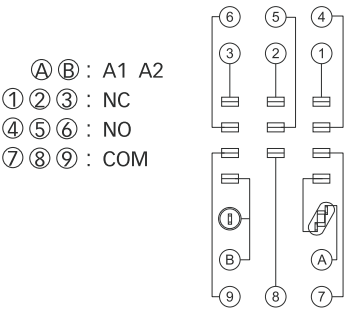


Type			SEB11-E
Nominal load	Current	A	25
	Voltage	V	500
Dielectric strength	Between coil and contact	V/min	4000
	Between contacts	V/min	2500
Max. tightening torque		Nm	1.2
Wire size		AWG/mm ²	20-12/0.5-3.3
Ambient temperature		°C	-40~+75
Unit weight		g	64
Accessories			
Socket	Metal clip	Module	
SEB11-E	 SE52M	 BMD	

Dimensions (mm)



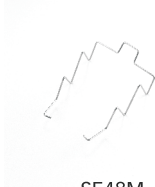
Connection Diagrams



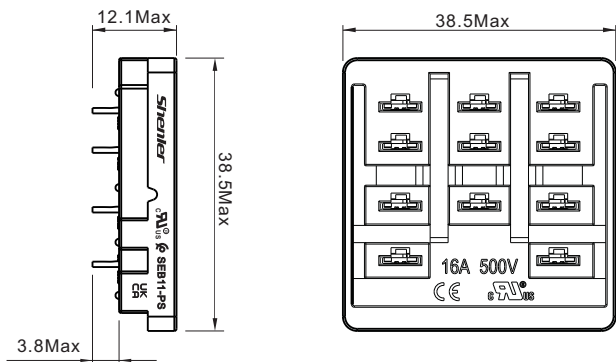
Characteristics

SEB11-PS



Type			SEB11-PS
Nominal load	Current	A	16
	Voltage	V	500
Dielectric strength		V/min	2500
Ambient temperature		°C	-40~+75
Unit weight		g	11.9
Accessories			
Socket	Metal clip		
SEB11-PS		 SE48M	

Dimensions (mm)



Connection Diagrams

- Ⓐ Ⓑ : A1 A2
① ② ③ : NC
④ ⑤ ⑥ : NO
⑦ ⑧ ⑨ : COM

