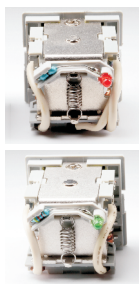


- 2 poles, 3 poles contact load 16A
- With non-polarity LED integrated in relay
- With lockable test button and inspection window
- Identification of coils through test button color (AC red/DC blue)
- Conformity with RoHS Directive



LED

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



Metal clip

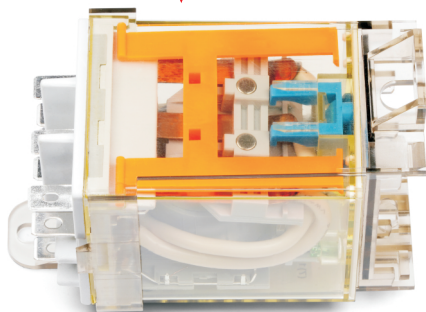
The relay is firmly attached to the socket by Metal clip.

Test button

On-site test is available with test button.

REH-DA Mounting Adaptor

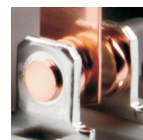
To meet with different mounting way, extra cover is available for both bracket mount and top flange integrated.



BMD module

High quality 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.



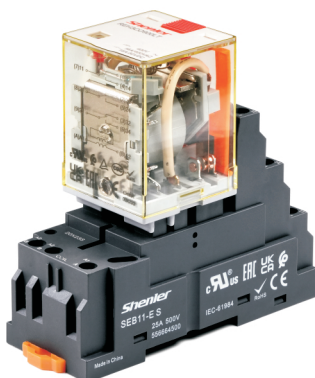
Relay

+



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

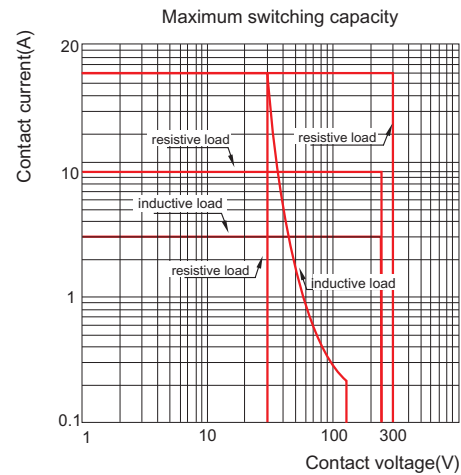
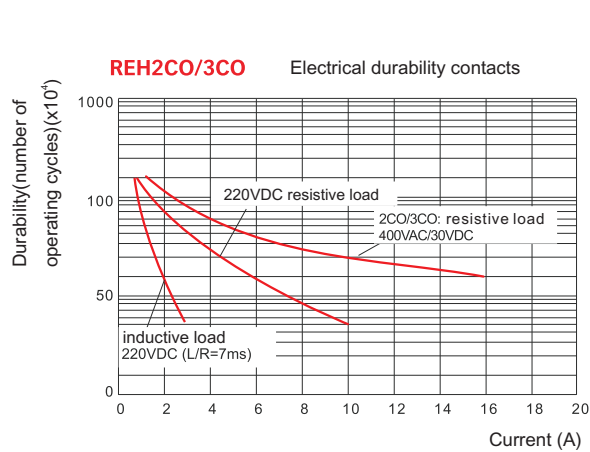
Configuration	2C,3C	2COLS,2COLTS
Load	Resistive	16A/400VAC 30VDC
	Resistive	—
	inductive	—
Motor load	1/2HP, 120VAC; 1HP,240VAC	
Contact	Max. switching capacity (resistive)	6400VA, 480W
	Max. switching capacity (inductive)	2500VA, 90W
	Initial contact resistance	≤50mΩ
	Material	Ag alloy
	Electrical durability (110%rated voltage, 55°C)	≥60 x 10 ⁴ Cycles (600 Ops/h)
	Electrical 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(60Hz)
	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	28500	30000

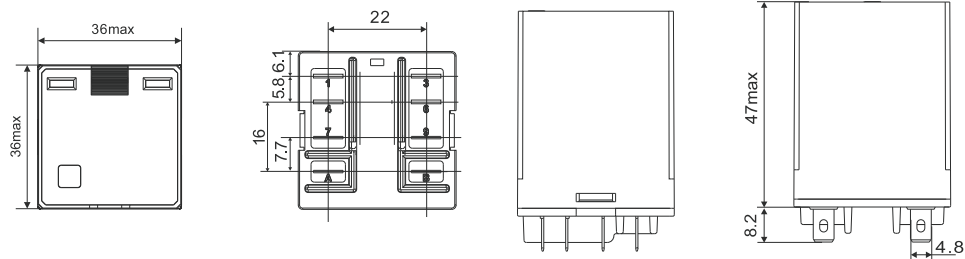
Coil resistance: under coil voltage 110V are measured with tolerance of $\pm 10\% \Omega$, above 110V with tolerance of $\pm 15\% \Omega$.

Contact Specification

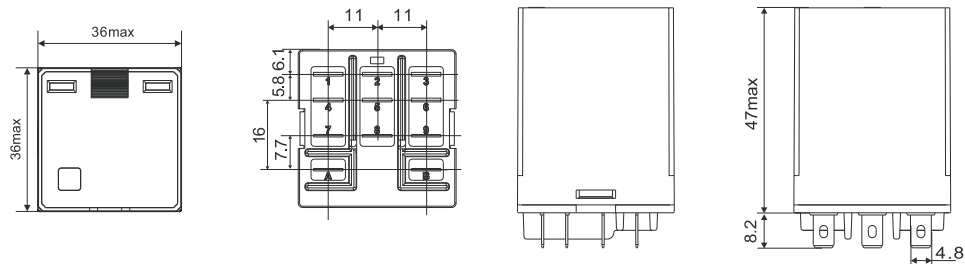


Dimensions (mm)

REH2CO

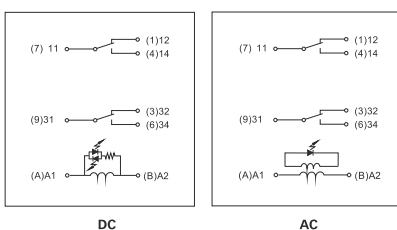


REH3CO

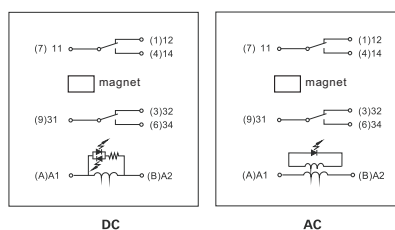


Wiring Diagrams

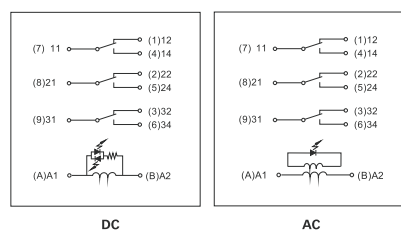
REH2CO



REH2COLTS

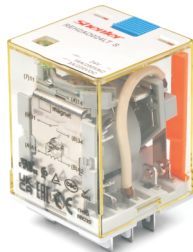


REH3CO



REH-S

Magnetic Blow-out
Power Relay



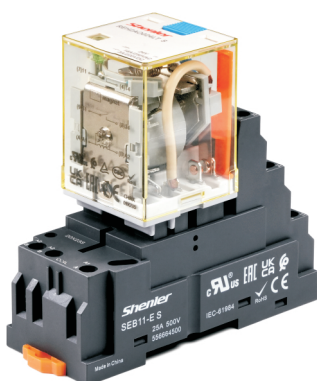
Series Name

+



Socket

=



Relay module

REH □ □ □ □

Other options

L S: LED + magnet

LT S: LED +test button + magnet

LT SM: LED+test button+magnet, with 0.65Un coil tuned

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)
- ◆ Large creepage distance and high insulation resistance

Characteristics

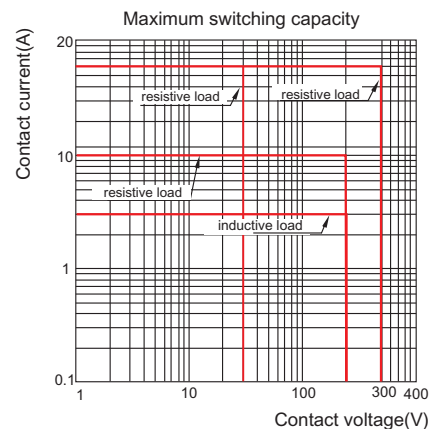
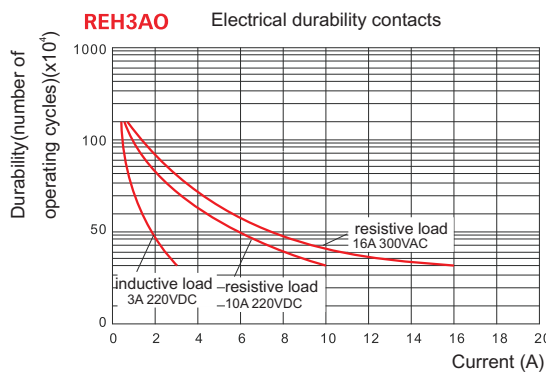
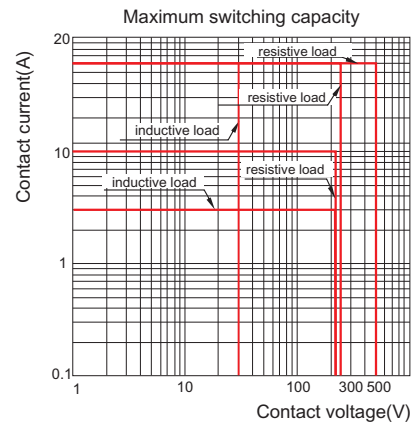
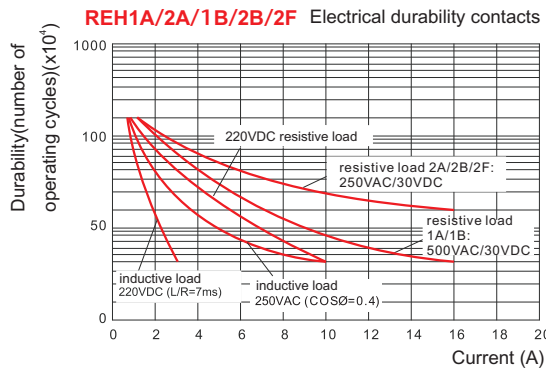
Configuration		1A,1B	2A,2B,2FO	3A
Load	Resistive	16A/500VAC	16A/250VAC	16A/300VAC
	Resistive	10A/220VDC	16A/30VDC	
	inductive	10A/250VAC(cosØ0.4);	3A/220VDC(L/R=7ms)	
Contact	Resistive	8000VA	4000VA	4800VA
	Resistive	2200W		
	inductive	2500VA(cosØ0.4);660W(L/R=7ms)		
Switching capacity		2200W		
Initial 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(60Hz)		
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	500VAC	250VAC	400VAC
	Pollution level	2	3	3
IEC 60664 UL840	Overvoltage level	II	III	II
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)

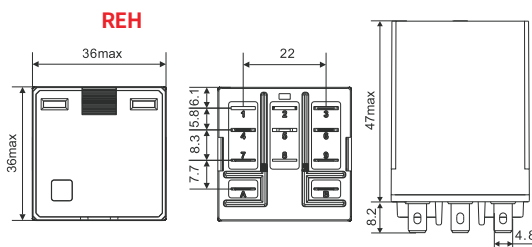
Nominal voltage V.DC	12	24	48	110	220	
Coil resistance Ω	96	385	1540	8070	32270	
Nominal voltage V.AC	24	48	115	230	380	400
Coil resistance Ω	100	350	2200	8000	28500	30000

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

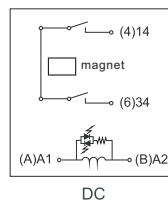
Contact Specification



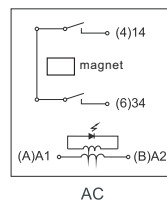
Dimensions (mm) & Wiring Diagrams



REH1AO

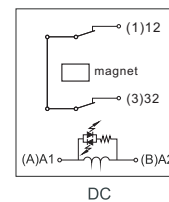


DC

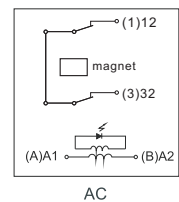


AC

REH1BO

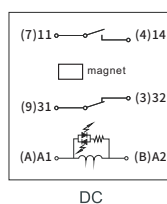


DC

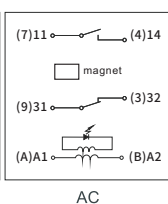


AC

REH2FO

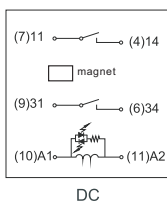


DC

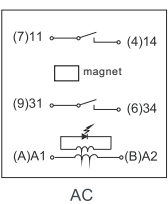


AC

REH2AO

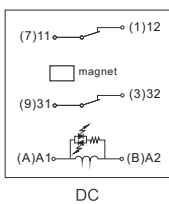


DC

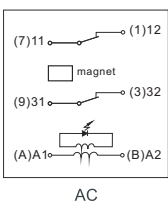


AC

REH2BO

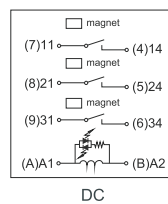


DC

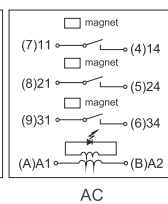


AC

REH3AO



DC



AC

Characteristics

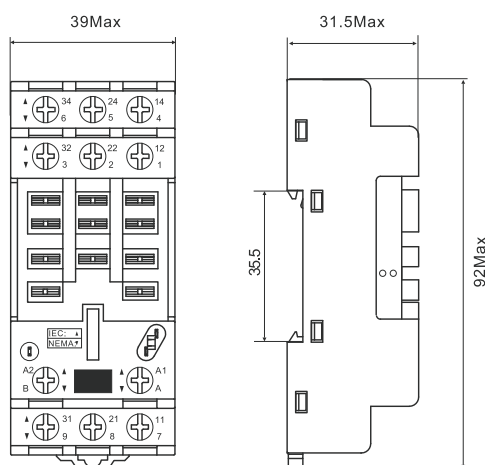


SEB11-E

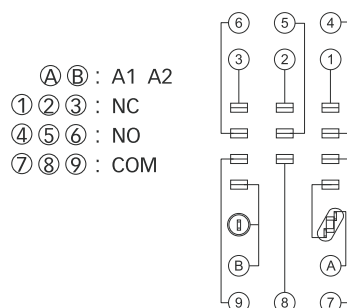


Type		SEB11-E
Nominal load	Current	A
	Voltage	V
Dielectric strength	Between coil and contact	V/min
	Between contacts	V/min
Max. tightening torque	Nm	1.2
Wire size	AWG/mm ²	20-12/0.5-3.3
Ambient temperature	°C	-40~+75
Unit weight	g	64
Accessories		
Socket	Metal clip	Module
SEB11-E		
	SE52M	BMD

Dimensions (mm)



Connection Diagrams



Characteristics

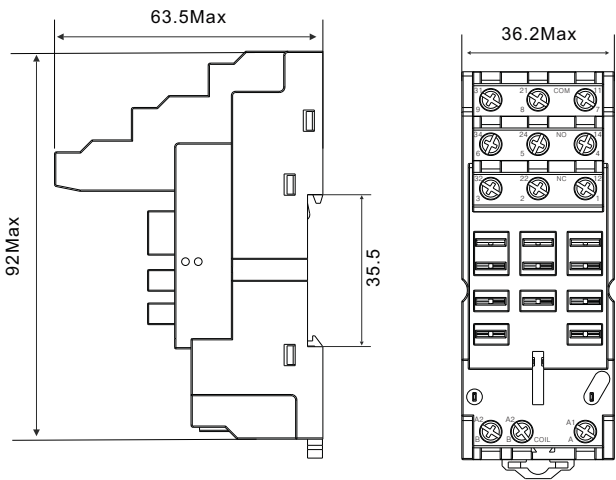


SEB11-E S

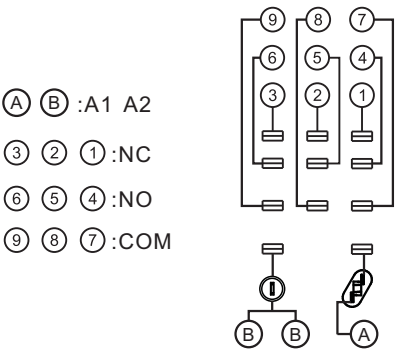


Type			SEB11-E S
Nominal load	Current	A	25
	Voltage	V	500
Dielectric strength	Between coil and contact	V/min	4000
	Between contacts	V/min	2500
Max. tightening torque		Nm	1.2
Wire size		AWG/mm ²	20-12/0.5-3.3
Ambient temperature		°C	-40~+75
Unit weight		g	85.9
Accessories			
Socket	Metal clip	Module	ID tag
SEB11-E S			
	SE52M	BMD	SK2P

Dimensions (mm)



Connection Diagrams



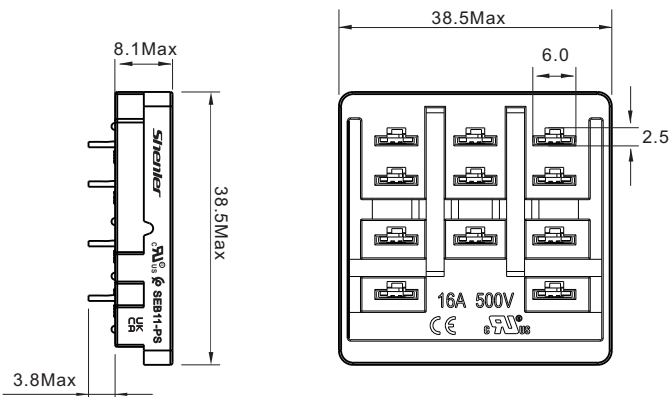
Characteristics

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

