BALSEAL

BRHSeries of high-power relays

Interface Relay-pluggable

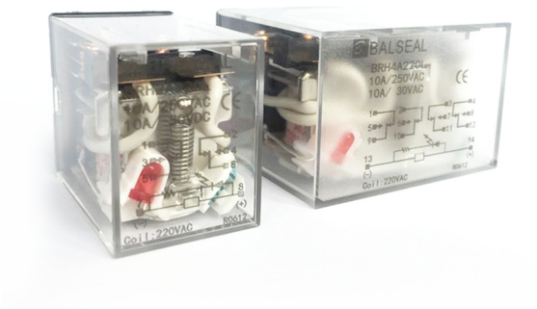
Features

10A contact switching

High-power intermediate relay with LED indicator.

AC/DC input coil

Compliant with CE and RoHS certifications



Technical Data

Contact resistance	Below 100mΩ (DC6V 1A)	
Operating voltage	80% The following (at room temperature)	
Release voltage	10% or more (at room temperature)	
action time	Less than 25ms	
release time	Less than 25ms	
Medium pressure resistance	Coil and contacts 1500VAC (1 min)	
	Disconnect contact 1000VAC (1 min)	
Surge voltage withstand	8000VAC (1.2/50μs)	
Insulation resistance	1000MΩ (500VDC)	
Vibration resistance	Malfunction 10-55Hz (dual amplitude 1.0mm)	
	Durability 10-55Hz (dual amplitude 1.0mm)	
Impact resistance	Malfunction 98m/s2	
	Durability 980m/s 2	
Electrical durability	100,000 times or more	
Mechanical durability	10,000,000 times or more	
Use ambient temperature	-40~55℃ /Work	-40~85℃ /store

Contact characteristics

Contact composition	(2 form C)	(4 form C)
Contact material	Ag alloy	Ag alloy
Contact load	10A 250VAC/30VDC	10A 250VAC/30VDC
Maximum switching current	10A	10A
Maximum switching power	1250VA	1250VA

Coil characteristics

(V/DC)			(V/AC)		
(V/DC) Rated voltage	(Ω) coil impedance	(W) power	(V/AC) Rated voltage	(Ω) coil impedance	(W) power
12	160	0.9~1.1W	24	184	0.9~1.5V
24	650	0.9~1.1W	48	735	0.9~1.5V
48	2600	0.9~1.1W	110	4550	0.9~1.5V
110	11000	0.9~1.1W	230	14400	0.9~1.5V

Relay model

Rated voltage	control voltage	Rated voltage	LED indicator light	Relay model	Packing quantity
2CO	DC:12V、24V、48V、110V	10A	●	BRH2D024L	20
	AC:24V、48V、110V、230V	10A	●	BRH2A230L	20
4CO	DC:12V、24V、48V、110V	10A	●	BRH4D024L	10
	AC:24V、48V、110V、230V	10A	●	BRH4A230L	10

Application scope:

It is suitable for signal expansion, amplification, isolation, and conversion in various mechanical equipment and process control systems in the industrial field.

Relay socket



SRH-2-E

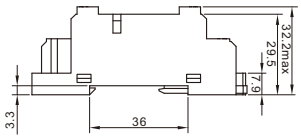


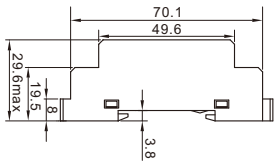
SRH-4-E

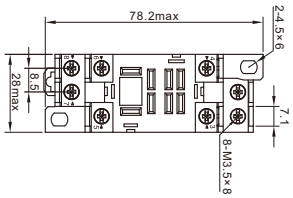
SRH-2-E Relay socket			**SRH-4-E** Relay socket
Specified load	Current	10A	10A
	Voltage	300V	300V
Medium pressure	2500V		
Wire strip Length	7mm		
Wire cross section	Single wire	2x2.5mm^2	
	Casing wire	2x1.5mm^2	
Screw torque	0.5Nm		
Ambient temperature range	-25℃~+85℃		

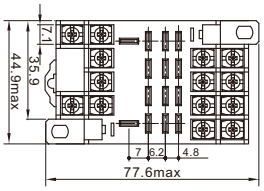
Dimensions

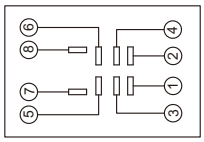
Dimensions



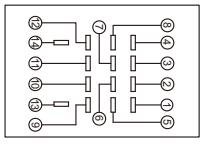








Wiring Diagram



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