

Figure 1

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# BRW PCB Installation Relay



BRW series relays are general purpose relays designed for a wide range of applications, from power to sequence controls in various factory machines and control panels. They are ideal for electric control panels requiring stable and reliable relays.

## Features

- Small high capacity
- The contact allows large current and good durability
- withstand voltage between coil and contact: 5,000VAC
- Increase the relay socket, easy to relay replacement, reduce dimension
- Cost of protection
- The terminal and module bracket are stable and reliable in quality, 35mm
- U type and E type industrial guide rail can be installed quickly
- CE certified, ROHS approv-UL
- al pending

• Order sOcket separately

BRW Series Selection Guide					
Part Number	Coil Voltage	Configuration	Contact Rating	Dimensions (see page 4-)	Dimensions (see page 5)
BRW1D006	6VDC, 12VDC, 24VDC	1PDT	16A	Figure 1	Figure 3
BRW1D012		1PDT	16A	Figure1	Figure 3
BRW1D024		1PDT	16A	Figure 1	Figure 3
BRW2D006	6VDC, 12VDC, 24VDC	2PDT	8A	Figure2	Figure 3
BRW2D012		2PDT	8A	Figure 2	Figure 3
BRW2D024		2PDT	8A	Figure2	Figure 3

Figure 2

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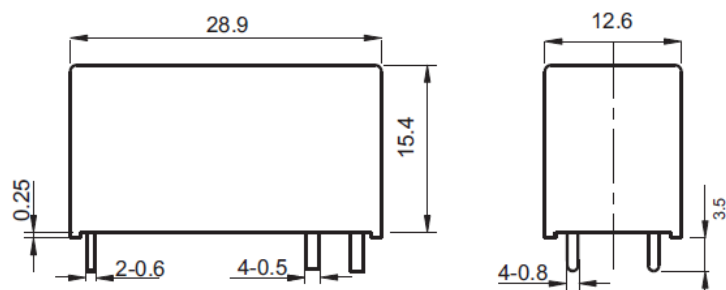
## BRW Series Electromechanical Relay Specifications

BRWSeries Specification Table						
Part Numbers	BRW1D006	BRW1D012	BRW1D024	BRW2D006	BRW2D012	BRW2D024
Contact Specifications						
Current Rating(2PDT . 4PDT)	8A.16A					
Contact Type	2PDT			1PDT		
Terminal Type	Spade Plug-In Socket					
RatedMax.Resistive Load	8A@250VAC/30VDC(2PDT)			16A@250VAC/30VDC(1PDT)		
Maximum switching power	2216VA					
Minimum Recommended Load	100mA @ 5VDC					
Max. Switching Cap. (Resistive Load)	1,100VAC/240W					
contact resistance	100m below (DC6V, 1A)					
insulation resistance	1000MΩ ( 500VDC )					
Max. Contact Rating	250VAC/125VDC					
Coil Specifications						
Options	There is no LED					
	Coil (test environment 23 C)					
Rated voltage	( V/DC ) 5	( V/DC ) 12	( V/DC ) 24	( V/DC ) 48		
Rated current	80.6mA	33.3mA	16.7mA	4.8mA		
Power(w)	400mW	400mW	400mW	530mW		
Coil impedance ( Ω )	62±10%	360±10%	1450±10%	22830±15%		
Vibration resistance	Maloperation 10-55HZ (double amplitude 1.0mm)			Durable 10-55HZ (double amplitude 1.0mm)		
Impact resistance	Strength 980m/s <sup>2</sup>			Stability 98m/s <sup>2</sup>		
General Specifications						
Surge withstand voltage	7000VAC ( 1.2/50μs )					
Electrical durability	100000 times					
Mechanical durability	10,000,000 times					
contact material	Silver alloy					
Action voltage	80% below (ambient temperature)					
Release voltage	More than 10% (ambient temperature)					
ambient temperature	-40~70 DEG C (work); 20~85%RH					

## BRW SAppearance size

### Wiring Diagrams

**BRW1D05 BRW2D024**

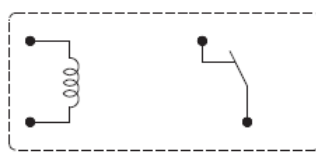


## BRW Wiring diagram

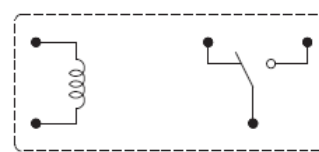
1 NO



1 NC



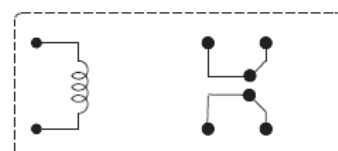
1 PDT



2 NO



2 NC



2 PDT

