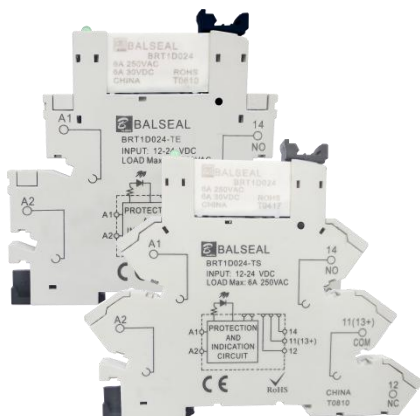


Figure 1

For latest prices, please check
balseal-electric.com

BRT Series Electromechanical Relay Selection Guide

BRT 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 package design
- ARC Barrier equipped
- Silver Cadmium Oxide contact
- High dielectric strength
- High reliability and long life
- Ultra-high sensitivity with quick response time (25 ms max.)
- High vibration and shock resistor
- LED indicator on all models, so you can easily see if relay is working properly without using a voltmeter
- High sensitivity, power dissipation, 0.17W
- 6A contact switching capability power type relay
- Ultra thin type intermediate relay

• Order socket separately

BRT Series Selection Guide

Part Number	Coil Voltage	Configuration	Contact Rating	Dimensions (see page 4-)	Relay Socket Part Number	Dimensions (see page 5)
BRT1D012T	12VDC	1PDT	6A	Figure 1	SRT1E	Figure 3
BRT1D024T	24VDC	1PDT	6A	Figure2	SRY1E	Figure 3
BRT1D048T	48VDC	1PDT	6A	Figure 1	SRY1E	Figure 3
BRT1D060T	60VDC	1PDT	6A	Figure2	SRY1E	Figure 3

Figure 2

For latest prices, please check
balseal-electric.com

BRM Series Electromechanical Relay Specifications

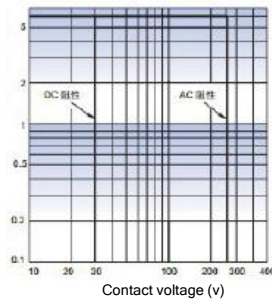
BRM Series Specification Table				
Part Numbers	BRT1D012T	BRT1D024T	BRT1D048T	BRT1D060T
Contact Specifications				
Current Rating(2PDT . 4PDT)	6A			
Contact Type	1PDT			
Terminal Type	Spade Plug-In Socket			
RatedMax.Resistive Load	100m ohm (DC6V, 1A) ~ non plated contact		30m below (DC6V, 1A) ~ gold-plated contacts	
Maximum switching power	1500VA/180W			
Minimum Recommended Load	1mA @ 5VDC			
Surge withstand voltage	8000VAC （ 1.2/50 μ s ）			
insulation resistance	1000M Ω （ 500VDC ）			
Maximum switching voltage	400VAC/125VDC			
Maximum switching power	1500VA/180W			

BRT Performance diagram

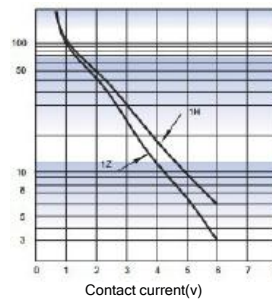
Wiring Diagrams

BRT1D024T

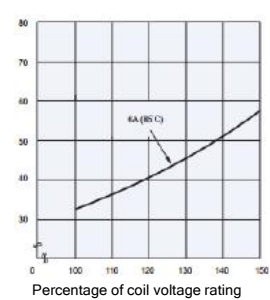
Maximum contact switching power



Electrical endurance curve

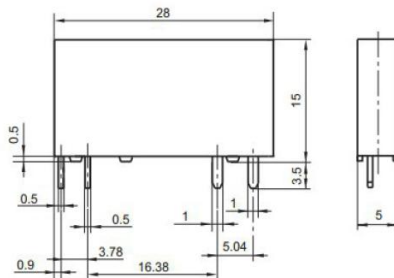


Coil temperature rise

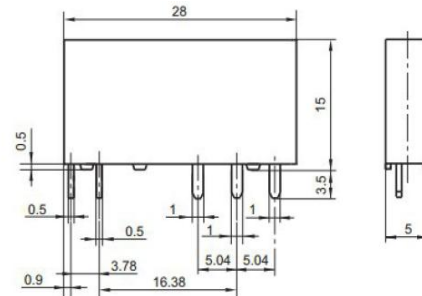


BRT Series Dimensional Drawings

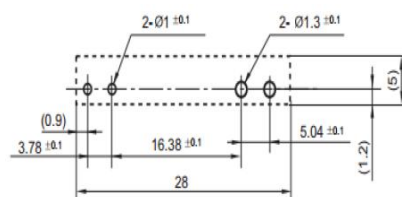
BRT1D024T

A group of normally open
Vertical mounting type

A set of transformations



BRT Mounting hole size / wiring diagram (bottom view)



Vertical mount



Wiring diagram