



Contact Rating

- Nominal Load(Resistive Load Cos ϕ =1)
Contact Capacity
BRT2-L/D/LM/DM.....8A at 250VAC
- Max. Allowable Current
BRT2-L/D/LM/DM.....8A
- Max. Allowable Voltage
BRT2-L/D/LM/DM.....AC250V
- Max. Allowable Power Force
BRT2-L/D/LM/DM.....2,000VA
- Contact Material..... Ag Alloy
- Contact Form..... SPDT & SPST

Performance (at Initial Value)

- Contact Resistance..... $\leq 50m\Omega$ at 6VDC/1A
- Operate Time.....10ms. Max
- Release Time..... 5ms. Max
- Dielectric Strength:
Between Coil & Contact.....5,000VAC at 50/60 Hz
for one minute
Between Contacts.....1,000VAC at 50/60 Hz
for one minute
- Surge Resistance.....10,000V (between Coil
& Contact 1.2x50 μ s)

Main Feature

1. Small size (29x12.7x15.5 in mm) produces a switching capacity up to 8A for high density P.C.Board mounting technique.
2. The contact form construction is 2a/2b/2c
3. The Surge Resistance of BRT2 series is 10,000V
4. Sealing Construction (Free from dust and solder flux):
BRT2-SS: Flow Solder Type.
5. The selection of plastic insulation material is designed for high temperature and provides better chemical solution performance.

Application

Air Conditioning, Fridge, Washing Machine, etc Household Appliances

- Insulation Resistance.....100 Mega Ω Min. at 500VDC
- Max. On/Off Switching:
Electrical.....30 Ops per minute
Mechanical.....300 Ops per minute
- Temperature Range..... - 40~85°C
- Humidity Range.....45~85% RH
- Coil Temperature Rise..... 35°C Maximum
- Vibration:
Endurance.....10 to 55 Hz dual
amplitude width 1.5mm
Error Operation.....10 to 55 Hz dual
amplitude width 1.5mm
- Shock:
Endurance..... 981m/s² Min
Error Operation..... 98.1m/s² Min
- Life Expectancy:
Electrical.....10⁵ Operations at
Rated Resistive
load
Mechanical.....10⁷ Operations at
No load condition
- Weight.....about 13g

Safety Standard & Its File Number

- UL.....E333244
- TUV.....R50165834
- CQC.....CQC10002042508

