



Contact Rating

- Nominal Load(Resistive Load Cos $\phi = 1$)
Contact Capacity
BRU-L/LM/LB.....10A at 240VAC
10A at 24VAC
- Max. Allowable Current
BRU-L/LM/LB.....10A
- Max. Allowable Voltage
BRU-L/LM/LB.....AC240V,DC24V
- Max. Allowable Power Force
BRU-L/LM/LB.....2400VA 240W
- Contact Material..... Ag Alloy
- Contact Form.....SPST&SPDT

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.....1,800VAC 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 (20x16.4x20.2in mm) produces a switching capacity up to 10A for high density P.C.Board mounting technique.
2. The contact form construction is 1a/1b/1c
3. The Surge Resistance of BRU series is 10,000V
4. Sealing Construction (Free from dust and solder flux):
BRU-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 12g

Safety Standard & Its File Number

- UL.....申请中
- TUV.....申请中
- CQC.....申请中

Coil Specification (at 20 °C)

Coil Sensitivity	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance ($\Omega \pm 8\%$)	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage (VDC)
BRU-L/LM/LB	3	120	25	Abt. 0.36	75% Maximum	10% Minimum	130%
	5	72	69.4				
	6	60	100				
	9	40	225				
	12	30	400				
	24	15	1600				
	48	7.5	6400				

Ordering Information

BRU	-	SS	-	1	12	L	M		
									Contact Form:
									Nil: One form C M: One form A B: One form B
									Coil Type:
									L: Standard DC Coil
									Coil Voltage:
									03: 3V, 05: 5V, 06: 6V, 09: 9V, 12: 12V, 24: 24V, 48: 48V
									Number of Pole:
									1: One Pole
									Type of Sealing:
									SS: How Solder Type
									Type:
									BRU

Classification

Model	BRU		
Coil Sensitivity	Standard DC Coil		
	1A	1B	1C
Flow Solder Type	BRU-SS-1□□LM	BRU-SS-1□□LB	BRU-SS-1□□L

Dimension

