



- Blowout magnet style relay. Using magnet for insulated electric arc.
- Large capacity 10A of general purpose relay.
- DPDT/SPST contact arrangement.

Contact rating

		BTA1B-1C	BTA1B-2C
Contact capacity resistive load (Cos.=1)		10A 28VDC	10A 28VDC
		12A 120VAC	12A 120VAC
Motor	120VAC	1/3HP	1/3HP
	240VAC	1/2HP	1/2HP

Specifications

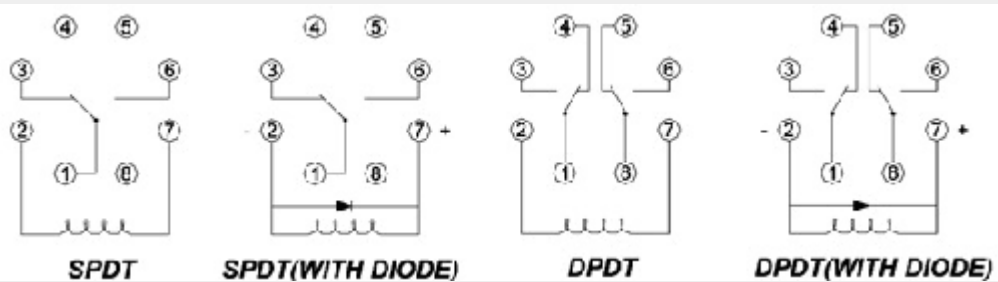
Contact resistance	50mΩ Maximum
Operate time	AC: 25mS maximum. DC: 20mS maximum
Release time	AC: 25mS maximum. DC: 20mS maximum
Insulation resistance	1000MΩ minimum at 500VDC
Dielectric strength	Between open contact: 1000 VAC for 1 minute
	Between contact and coil: 1500VAC for 1 minute
	Between live parts and ground: 1500VAC for 1 minute
Temperature (operating)	-45°C to +55°C(AC); -45°C to +65°C(DC)
Mechanical life	10,000,000 operations
Electrical life	100,000 operations
Contact material	AgCdO
Weight (approx.)	38g

Coil rating□

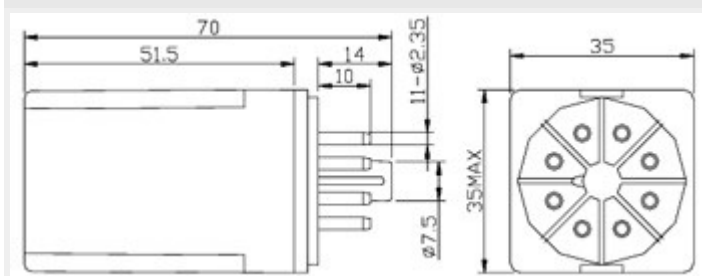
Rated Voltage (V)			Coil resistance (Ω)	Max. pull- in Voltage	Min. dropout voltage	Max. allowable Voltage	Power Consumption
			±10% at 25°C	% of rated voltage at 25°C			
D	1	6	32	80 Max.	10 Min.	110 Max.	Approx. 1.2W
C	X						
		12	120				

		24	472				
		48	1800				
2 C	C	110	10000				
		120	10000				
6		6					
12		21					
24		85					
A C	1 C	48	350	85 Max.	30 Min.	Approx. 2.75VA	
	2 C	110	1900				
	120	2250					
	220	7200					
	240	9110					

Wire diagrams



Dimensions



How to order

BTA1B-2C- L M- 12A

Coil voltage

Options

Blank: Standard type

M: Manual test button

L: Indicator lamp

O: Diode

Contact arrangement

1C: SPDT

2C: DPDT

Series