

- World's only "DUAL SPRING MECHANISM"
- Stronger Contact Pressure, Higher Vibration/Impact Durability
- Bigger non-trip current receivable
9A(* $\Delta T=15K$)
* ΔT =Operating Temp. minus ambient temp.

BPD

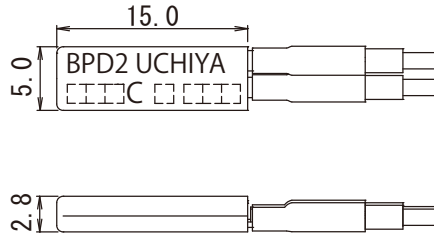
thermal protector
battery protector



Specifications

- Operating Temp 60°C~100°C(5°C step)
- Tolerance $\pm 5^\circ\text{C}$ 、 $\pm 7^\circ\text{C}$ 、 $\pm 10^\circ\text{C}$
- Resetting Temp 46°C or higher
- Maximum non-trip current
16.5A(Operating Temp 80°C Ambient 25°C)
9A(Operating Temp 80°C, $\Delta T=15K$)
 ΔT = operating temp - ambient temp
- Maximum cut-out current 120A 12V DC

Dimensions



Applications

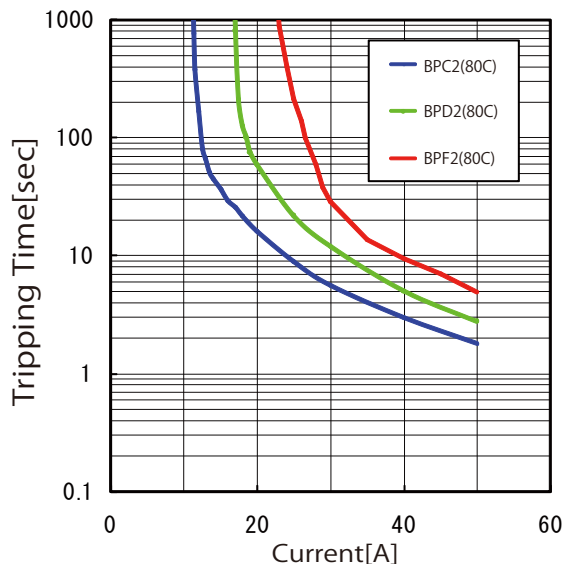
- Lithium-ion Battery Pack
- NiMH Battery Pack
- NiCd Battery Pack

Safety Approval

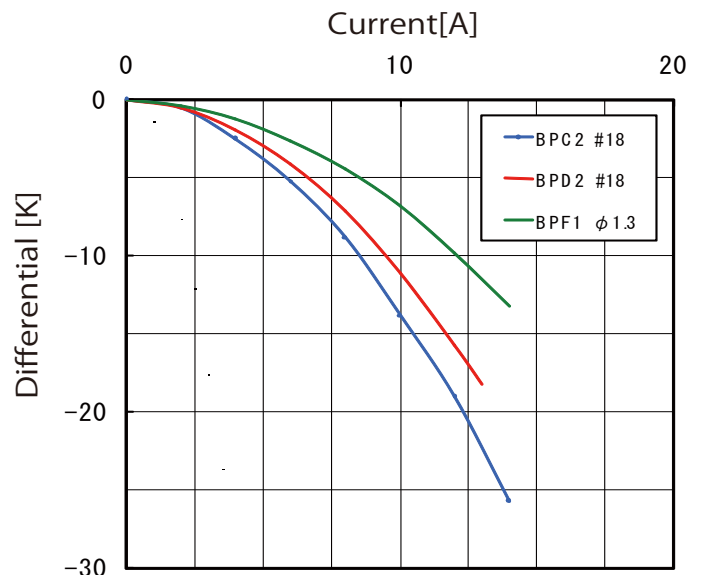
※Contact for approved conditions in detail.

Model	Agency	Standard	Category	Electrical Ratings	Max Temp	File No.
BPD	UL	UL 873	Regulating	10A/ 18V DC (resistive) 6000 cycles	100°C	E50124
	c-UL	CSA C22.2 No. 24	Appliance Control	10A/ 18V DC (resistive) 6000 cycles	100°C	E50124
	EN(VDE)	EN 60730-2-9	Thermal Cut-out	10A/ 18V DC (resistive) 6000 cycles	100°C	892100-45100-0034
	CQC	GB 14536.10	Thermostat (Non-fused bimetal type)	10A/ 18V DC (resistive)	100°C	CQC11002059931 CQC11002059933

Graph Left: Tripping Time vs Current (at 25°C)



Graph Right: Operating Temp. Drop due to Current



Variation

BPD

Lead	
	None
1	Uninsulated Solid
2	insulated wire
3	Nickel Ribbon