

SAMPLE APPLICATIONS OF EP2

NEW

- SWITCHING POWER SUPPLY
- UPS
- INVERTER SYSTEM
- QUICK CHARGE BATTERY PACK
- SMALL AUTOMOTIVE MOTOR
- AUTOMOTIVE AIR CONDITIONING

SAFETY APPROVAL

UL/c-UL	UL873	13A 26V DC
	C22.2 No 24	13A 26V DC



FEATURES

- Dual Spring Mechanism Design
- Snap Action Bimetal Technology
- Low Resistance Material Options
- Solid and Insulated LeadWire Available
- Worldwide Safety Approvals
- Not Current Sensitive

STANDARD SPECIFICATION

SPECIFICATION	EP2 SERIES
Switch Temp.	75C ~ 130° C*
Open Tolerance	+/- 5K
Standard Differential	25K ~ 50K
Reset Tolerance	+/- 15K
Current	13A
Voltage	26V DC
Cycles	10,000*
Contact	NORMAL CLOSED [NC]
Contact Resistance	< 50mΩ
Protection Class	1
Minimum Leadwire Size	AWG24

* See Approvals Table for more information ** Please contact Uchiya for further information

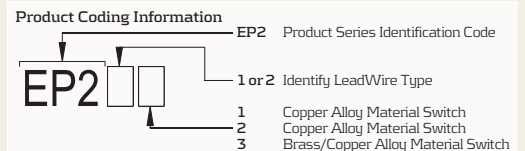
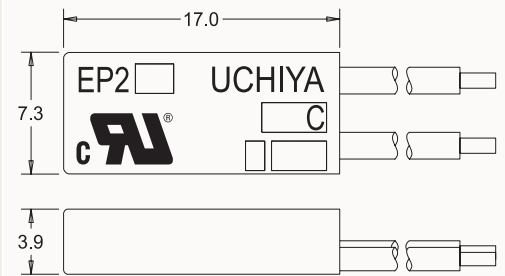


The EP2 Series is the next generation of Thermal Protectors by Uchiya Thermostat for DC applications up to 13A (25V). A range of materials are available for lower internal resistance, making the EP2 Series suitable a wide range of high and low DC current applications. The Dual Spring Mechanism gives superior snap action and high contact pressure in the EP2 Series. The EP2 Series is a robust Protector offering superior performance for temperature reaction and strong shock and vibration resistance in more demanding applications.

PRODUCT DESCRIPTION

Thermal Cut-Out
Thermal Protector
Thermostat

DIMENSIONS



SERIES VARIATIONS

	Leadwire	Switch Material
EP211	Solid	Ultra Low Resistance
EP212	Solid	Low Resistance
EP213	Solid	Standard Resistance
EP221	Insulated	Ultra Low Resistance
EP222	Insulated	Low Resistance
EP223	Insulated	Standard Resistance

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