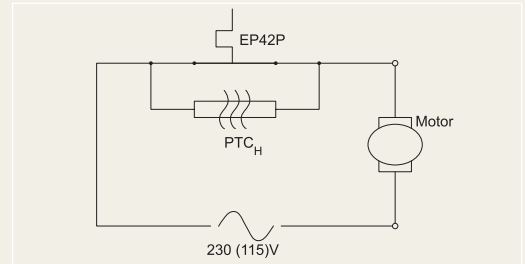


SAMPLE APPLICATIONS OF EP4P

- MOTOR PROTECTOR
- SOLENOID PROTECTOR
- TRANSFORMER PROTECTOR
- POWER TRANSISTOR PROTECTION
- SUPPLY MODE POWER SUPPLY
- FOOD MIXER PROTECTION



Equipped with a parallel PTC resistance heater that works for 125V and 250V applications, the EP4P Series is a versatile Self-Hold Protector from Uchiya.



SAFETY APPROVAL

VDE	EN60730-2-9	5(3.5)A 250V AC
	EN60730-2-2	250V AC
UL/c-UL	UL2111	1/2HP 125V/250V AC
	C22.2 No 77	1/2HP 125V/250V AC



FEATURES

- PBT Enclosure
- Snap Action Bimetal Technology
- Solid and Insulated LeadWire Available
- Worldwide Safety Approvals
- Not Current Sensitive

The contacts open on temperature rise. The PTC heater turns on keeping the contacts open above -20°C . The power needs to be removed to allow the contacts to close. With its small and compact size, the EP4P Series is ideal for use in protecting devices where automatic reset could cause eventual application failure.

STANDARD SPECIFICATION

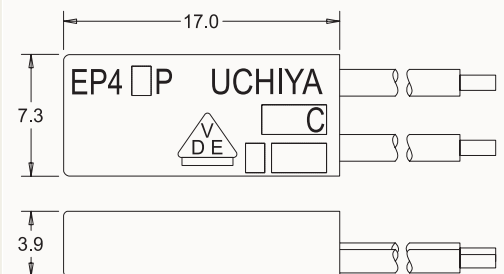
SPECIFICATION	EP4P SERIES
Switch Temp.	$60\text{C} \sim 150^{\circ}\text{C}^*$
Open Tolerance	$\pm 5\text{K}$
Standard Differential	$30\text{K} \sim 40\text{K}$
Reset Tolerance	$\pm 15\text{K}$
Current	5(3.5)A
Voltage	250V AC
Cycles	300***
Contact	NORMAL CLOSED [NC]
Contact Resistance	$< 50\text{m}\Omega$
Impregnation Resistance	SUITABLE**
High Voltage Resistance	$> 2.5\text{kV AC (10mA)}$
Insulation Resistance	1,000V DC (100M Ω)
Protection Class	1
Minimum Leadwire Size	AWG24

* See Approvals Table for more information ** Please contact Uchiya for further information
 *** No Automatic Cycling of Protector due to PTC Heater

PRODUCT DESCRIPTION

- Thermal Cut-Out
- Thermal Motor Protector
- Thermal Protector

DIMENSIONS



SERIES VARIATIONS

- EP41P** Solid Leadwire
- EP42P** Insulated LeadWire

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