



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SERIES 2450/2450R/2450HR/2450K/2455R PHENOLIC AUTOMATIC RESET THERMOSTATS

Typical Applications:

- *Power Supplies*
- *General Appliances*
- *Medical Equipment*



A temperature-sensitive bimetal disc, electrically and thermally isolated from the switch, is used to actuate the normally-closed contacts. Contacts are opened when surface or ambient temperatures increase to the operating snap point of the calibrated bimetal disc. The entire switch is enclosed in a phenolic dust-free housing; the bimetal disc is retained by a metal heat-conducting end cap.

Due to the small size of this unit and the inherently low mass of the bimetal snap-action disc, response of this thermostat to temperature changes is extremely rapid, compared to other commercially available thermostatic devices.

To insure that a safe combination of thermostat and application is achieved, the purchaser must determine product suitability for their individual requirements.

RATINGS

MODEL	CYCLES	120VAC	240 VAC	277 VAC
2450/2450K	100,000	8 Amps Res	—	—
2450HR	100,000	15 Amps Res	10 Amps Res	10 Amps Res
2450R	30,000	125 VA	125 VA	—
2455R	100,000	15 Amps Res	8.3 Amps Res	7.2 Amps Res
		44 FLA 26.4 LRA	2.2 FLA 13.2 LRA	—
		125 VA Pilot Duty	125 VA Pilot Duty	—
	6,000	5.8 FLA 34.8 LRA	2.9 FLA 17.4 LRA	—

UL and CSA Listings

2450	1/16" clearance through air and over surface UL File E36103 CSA File LR 21048
2455R	1/4" clearance through air and over surface UL File MH8267, File E36103 CSA File LR21048
2450K	1/16" clearance through air and over surface UL File E36103 CSA File LR21048
2450HR	1/16" clearance through air and over surface UL File E36103 CSA File LR21048
2450R	1/16" clearance through air and over surface UL File E36103 CSA File LR 21048

FLA: Full Load Amp
LRA: Locked Rotor Amp
Contacts are available for millivolt and milliamp applications.

Key Features and Benefits:

- *Low, compact profile*
- *High capacity up to 15 Amp Resistive*
- *Single-pole, single-throw*
- *Operation up to 302°F*
- *Single break contact action*
- *Factory-calibrated to your specification*
- *European approved construction (2455R SERIES)*
- *UL recognized and CSA certified*
- *A.G.A. certified*