

Figure 16. 2450R/2455R/2450RC/2455RC/2450HR/2450RCH Series “One Shot” Thermostats



Table 22. 2450R/2455R/2450RC/2455RC/2450HR/2450RCH Series “One Shot” Standard Temperature Characteristics

Operating Temperature Range	Tolerance °C [°F]
52 °C to 93 °C [125 °F to 200 °F]	5 [8]
94 °C to 121 °C [201 °F to 250 °F]	6 [10]
122 °C to 149 °C [251 °F to 300 °F]	7 [12]
150 °C to 177 °C [301 °F to 350 °F]	8 [15]
177 °C to 204 °C [351 °F to 400 °F]	10 [18]
205 °C to 232 °C [401 °F to 450 °F]	11 [20]
232 °C to 260 °C [451 °F to 500 °F]	14 [25]

Table 23. 2450R/2455R/2450RC/2455RC/2450HR/2450RCH Series “One Shot” Specifications

Characteristic	Parameter
Switch type	SPST
Reset type	One Shot
Amperage	see Table 24
Voltage	120 Vac to 250 Vac
Operating temperature range	2450R/2455R/2450HR/2450RCH: 52 °C to 150 °C [125 °F to 302 °F] 2450RC/2455RC: 52 °C to 260 °C [125 °F to 500 °F]
Environmental exposure range	2450R/2455R/2450HR/2450RCH: 17.8 °C to 177 °C [0 °F to 350 °F] 2450RC/2455RC: 17.8 °C to 287 °C [125 °F to 550 °F]
Materials:	
Base	phenolic or ceramic
Contacts	silver alloy
Terminals	unplated brass, plated brass or steel
Closure	aluminum, brass, stainless steel
Brackets	stainless steel
Approvals	UL File E36103, CSA File LR43279
Weight	6 g [0.21 oz] (does not include brackets or lead wires)

Table 24. 2450R/2455R/2450RC/2455RC/2450HR/2450RCH Series “One Shot” Contact Ratings

Cycles	120 Vac	240 Vac	277 Vac
1	15 A resistive	10 A resistive	10 A resistive

Notes:

- Resets below -35 °C [-31 °F].
- Additional contact ratings are available. Please consult Honeywell.

Figure 17. 2450R/2455R/2450RC/2455RC/2450HR/2450RCH Series “One Shot” Basic Dimension

