



## Commercial Thermostats

	2450RC Series	2450RCG Series	2450RG Series
<b>Use</b>	high current	low voltage	low voltage
<b>Reset type</b>	automatic	automatic	automatic
<b>Housing material</b>	ceramic	ceramic	phenolic
<b>Functional property</b>	open or close on rise	open or close on rise	open or close on rise
<b>Amperage</b>	15 A/10 A	0.5 A	0.5 A
<b>Operating temperature range</b>	0 °C to 260 °C [32 °F to 500 °F]	0 °C to 260 °C [32 °F to 500 °F]	0 °C to 150 °C [32 °F to 302 °F]
<b>Environmental exposure range</b>	-20 °C to 287 °C [0 °F to 550 °F]	-20 °C to 287 °C [0 °F to 550 °F]	-18 °C to 177 °C [0 °F to 350 °F]
<b>Contacts</b>	silver/nickel alloy	WE-1 gold alloy cross point	WE-1 gold alloy cross point
<b>Approvals</b>	UL, CSA, VDE	UL, CSA, VDE	UL, CSA



## Commercial Thermostats

	2455R Series	2455RA Series	2455RVB Series
<b>Use</b>	high current	heat detection	high current
<b>Reset type</b>	automatic	automatic	automatic
<b>Housing material</b>	phenolic	phenolic, epoxy seal cap and terminals	ceramic, epoxy overmold
<b>Functional property</b>	open or close on rise	close on rise	open or close on rise
<b>Amperage</b>	15 A/10 A	3 A	15 A/10 A
<b>Operating temperature range</b>	0 °C to 150 °C [32 °F to 302 °F]	47 °C to 107 °C [117 °F to 225 °F]	-12 °C to 105 °C [10 °F to 250 °F]
<b>Environmental exposure range</b>	-18 °C to 177 °C [0 °F to 350 °F]	0 °C to 150 °C [32 °F to 302 °F]	-18 °C to 121 °C [0 °F to 250 °F]
<b>Contacts</b>	silver/nickel alloy	WE-1 gold alloy cross point	silver/nickel alloy
<b>Approvals</b>	UL, CSA, VDE	UL	UL, CSA, VDE

# Thermostats Line Guide



## Commercial Thermostats

	2455RC Series	2455RG Series	2455RM Series
<b>Use</b>	high current	low voltage	high current
<b>Reset type</b>	automatic	automatic	manual
<b>Housing material</b>	ceramic	phenolic	phenolic
<b>Functional property</b>	open on rise	open or close on rise	open on rise
<b>Amperage</b>	15 A/10 A	0.5 A	15 A/10 A
<b>Operating temperature range</b>	0 °C to 260 °C [32 °F to 500 °F]	0 °C to 150 °C [32 °F to 302 °F]	0 °C to 150 °C [32 °F to 302 °F] (inclusive)
<b>Environmental exposure range</b>	-20 °C to 287 °C [0 °F to 550 °F]	-18 °C to 177 °C [0 °F to 350 °F]	-18 °C to 260 °C [0 °F to 500 °F]
<b>Contacts</b>	silver/nickel alloy	WE-1 gold alloy cross point	silver/nickel alloy
<b>Approvals</b>	UL, CSA, VDE	UL, CSA, VDE	UL, CSA, VDE



## Precision Thermostats

### 3000 Series

<b>Description</b>	custom packaged
<b>Amperage</b>	7.0 A resistive
<b>Housing material</b>	stainless steel or brass
<b>Operating temperature</b>	-29 °C to 260 °C [-20 °F to 500 °F]
<b>Environmental exposure range</b>	-62 °C to 288 °C [-80 °F to 550 °F]
<b>Dielectric strength</b>	MIL-STD-202, Method 301; 1250 Vac 60 Hz - Terminal to Case
<b>Insulation resistance</b>	MIL-STD-202, Method 302; 50 MOhm min. Terminal to Case
<b>Contact resistance</b>	MIL-STD-202, Method 307; 0.050 Ohm
<b>Hermetic seal</b>	MIL-STD-202, Method 112; Cond. A, 1x10 <sup>-5</sup> atm cc/s
<b>Moisture resistance</b>	MIL-STD-202, Method 106
<b>Shock</b>	N/A
<b>Vibration</b>	N/A
<b>Thermal shock</b>	N/A
<b>Salt spray</b>	N/A
<b>Acceleration</b>	N/A