



LC SERIES 5225 SERIES

LIMIT CONTROL



The Robertshaw® LC Series limit control is designed for any appliance where temperature protection is needed. All LC Series controls are non-adjustable, factory calibrated, and feature negative biased power element diaphragms. The LC Series is a proven safety control for commercial and specialty applications. They are available in automatic or manual reset versions with temperature settings from 340°F to 600°F (170°C to 316°C).

Features and Benefits

- Calibrated temperature settings 340°F to 600°F in 5°F increments (170°C to 316°C)
- Bulb and capillary assemblies available in copper, nickel plated copper or stainless steel
- Available in manual reset or automatic operation
- Control function is designed to interrupt power in the appliance circuit at the calibrated temperature
- Automatic actuation of the control switch at or below the calibrated temperature if the pressure integrity of the thermal element is compromised

Model	Description	UL Rating ¹	CSA Rating ²	European ³
LCH	SPST - Break on Temperature Rise Manual Reset. Type M2*	30 A, 250 V AC @ 125-480 V AC	30 A @ 125-480 V AC	30 A @ 480 V AC
		35 VA PD @ 24 V, 60 Hz		
LCHM	SPST - Break on Temperature Rise Manual Reset. Type M2* Millivolt Application	400 mA @ 500 mV DC	125 VA PD @ 250 V AC	480 mA @ 500 mV DC
LCC	SPDT - Make and / or Break on Temperature Rise. Automatic Reset	25 A, 250 VA @ 125-480 V, 60 Hz	25 A, 250 V AC @ 125-480 V AC	25 A @ 480 V AC
		35 A @ 24 V AC	35 VA PD @ 24 V, 60 Hz	
LCCM	SPDT - Make and / or Break on Temperature Rise. Automatic Reset. Millivolt Application	125 VA PD @ 125-480 V, 60 Hz	25 A, 250 VA @ 125-480 V, 60 Hz	480 mA @ 500 mV DC
		400 mA @ 500 mV DC	35 VA PD @ 24 V, 60 Hz	

* M2 switch - trip free - will not recycle if reset button is depressed

¹ UL Rating (UL Guide / XAPX2) - File No. E12103

² CSA Rating - CSA File No. LR36461

³ CE, LCC, LCCM: EC-87196/239/M3 (2001)
LCH, LCHM: EC-87196/170/M4 (2001)

For All Models:

Ambient temperature is 185°F (85°C)

Maximum continuous temperature on bulb is 600°F (316°C)



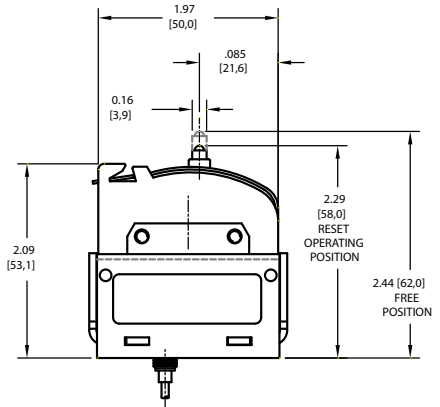
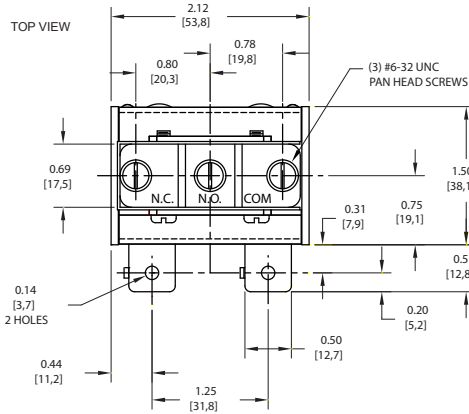
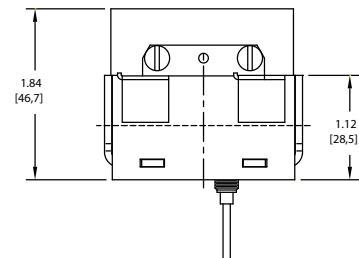
An ISO 9001 – 2008 Certified Company

PRODUCT DIMENSIONS

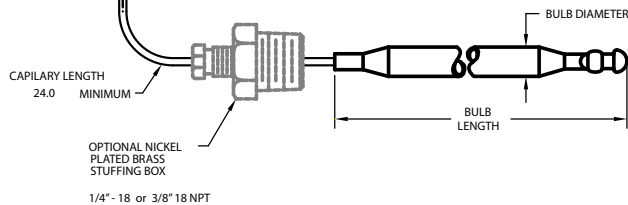
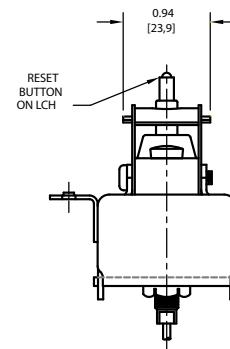
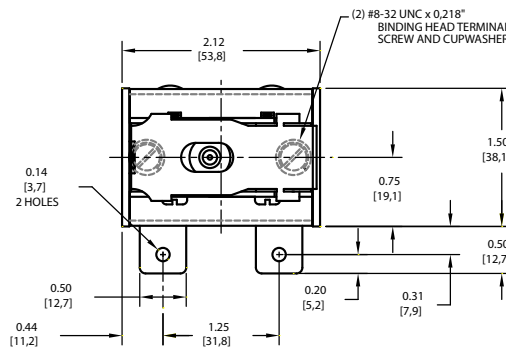
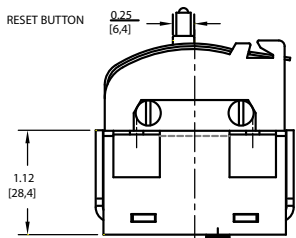
Dimensions are inches and [millimeters].

MODELS LCC & LCCM

FRONT VIEW



MODELS LCH & LCHM



AVAILABLE BULB DIAMETERS

inches	0.187	0.250	0.312
[millimeters]	4,8	6,4	7,9

AVAILABLE CAPILLARY LENGTHS

24" to 66" in 6" increments
610mm to 1675mm in 228mm increments