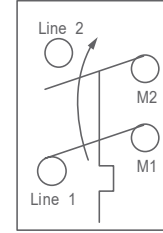




## LOW TEMPERATURE CUTOUT THERMOSTAT



Action on Increase on Temperature  
Action Diagram

### LTC2 SERIES

### PRODUCT DESCRIPTION

The LTC2 Series Temperature Control incorporates a vapor-charged sensing element. The LTC2 has a four-wire, two-circuit contact block that contains two isolated sets of contacts. The contacts are designed so that when the main contact opens, the auxiliary contact closes.

### FEATURES

- Long-life, snap-acting contacts
- Automatic or manual reset models

### SPECIFICATIONS

POLE NUMBERS	LINE-M2 (MAIN)						LINE-M1 (AUXILIARY)			
	120	208	240	277	480 <sup>1</sup>	600 <sup>1</sup>	120	208	240	277
MOTOR RATINGS VAC							120	208	240	277
AC FULL LOAD A	16.0	9.2	8.0		5.0	4.8	6.0	3.4	3.0	
AC LOCKED ROTOR A	96.0	55.2	48.0		30.0	28.8	36.0	20.4	18.0	
AC NON-INDUCTIVE A	16.0	9.2	8.0	7.2			6.0	6.0	6.0	6.0
PILOT DUTY – BOTH POLES	125 VA, 120 to 600 VAC and 57.5 VA, 120 to 300 VDC									

1. Not compressor motor loads.

### APPLICATIONS

Typical applications include energizing an indicator light after a low temperature cutout on a ventilating system.

### FOUR-WIRE, TWO-CIRCUIT TEMPERATURE CONTROL

PRODUCT CODE NUMBER	Switch Action		Range °C (°F)	Differential °C (°F)	Bulb and Capillary	Maximum Bulb Temperature °C (°F)	Range Adjuster
	Main Contacts	Auxiliary Contacts					
LTC2A	Open Low	Close Low	-9.4 to 12.8 (15 to 55)	2.8 (5)	20 ft of 1/8 in. O.D. tubing	204.4 (400)	Screwdriver slot
LTC2M			-9.4 to 12.8 (15 to 55)	Manual Reset	20 ft of 1/8 in. O.D. tubing	204.4 (400)	

The low cutout stop is set and sealed at 1.6°C (35°F). It cannot be set lower. The control responds only to the lowest temperature along any 14 to 16 in. section of the entire 20 ft element.



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