

RTD ROOM TEMPERATURE SENSOR RTS-LCS-1K

GENERAL DESCRIPTION

This sensor provides electronic sensing of room temperature with a thin film platinum RTD sensor offering high accuracy, long term stability, low hysteresis, fast response and wide operating range. Locate the sensor on an inside wall where it will be exposed to unrestricted air circulation, at a minimum of 15 fl./min., which represents the average temperature of the sensed space. Normally the sensor is located 5-1/2' to 6-1/2' from floor level.



SPECIFICATIONS

MODEL NO.: RTS-LCS-1K or LCS-205-EX-3-0

TYPE: Resistance-Temperature Detector (RTD).

RTD MATERIAL: Thin-film Platinum.

NOMINAL RESISTANCE: 1000 ohms $\pm 0.1\%$ @ 0°C
ALPHA: .00385/ohm/ohm°C.

TEMPERATURE RANGE: 0 to 122°F (-17.8 to 50°C)

MOUNTING: Directly to wall surface or single gang junction box. (Junction box by others)

COLOR: Light Beige

DIMENSIONS: 2 3/4"W x 4 1/2"H x 1"D

ORDERING INFORMATION: Model number RTS-LCS-1K



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Title:
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Model Number:
RTS-LCS-1K

Drawing Number:
Test

Date:
5/17/02