
OL63X - NON-INDICATING HIGH TEMP. LIMIT DEVICE

Description

This unit is used to cut off a heat supply at any pre-determined temperature within the overall range of -30 to 1100°F. It operates in conjunction with a separate temperature control to provide positive safety shutdown of industrial heating appliances. Reset button and safety light on front cover, trip free switch, fully tamperproof. UL and FM listed. Agency recognition is void if instrument is modified from factory standard.

Operation

The high limit switch is manually reset to reactuate the equipment after shutdown. It can be reset only after temperature has returned below the high-limit setting. The switch is of a trip-free design, i.e. it will not function in the event the reset button is tied or welded down, providing protection from tampering.

It is designed primarily for user applications where high temperature limitations can be specified in advance of ordering, the OL63X is always factory preset to customer requirements and the setting adjustment is factory sealed to prevent unauthorized changing. *Note: the element must be purchased with instrument to have switch set correctly.* Preset limit temperature is stamped on the rating plate affixed to the side of the control case.

A cover-mounted red signal light remains "on" during normal operation. Light is de-energized the instant the high limit switch is activated. The instrument also is equipped with capstan cover screws through which a wire may be threaded and secured with a lead seal.

Specifications

Dimensions	5 7/16" W x 5"H x 2 1/4" D
Switch Type	#63 SPST, normally closed, trip-free manual reset
Switch Sensitivity	1% of element range.
Electrical Hookup	Terminal block in conduit outlet box.
Conduit Openings	Threaded 1/2-NPT inlet and outlet.
Switch Rating	250VA pilot duty, 125 or 250V, AC only.
Agency Listings	UL and FM.
Warranty	One year, see page 80 for details.

How to Order

The proper ordering number for the OL63X is OH00074.

Next consult element selection matrix, page 62. The OL63X requires a solid (B-Type) element plunger (Code 53 or 54). High ambient temperature head assembly (Code 53) is used when the instrument will be located in ambient temperatures between 32°F but not greater than 150°F. Low ambient head assembly should be called out (Code 54) when instruments will be located in ambient temperatures between -30°F and 125°F.

Sample Order:

Description	Required Number
OL63X	OH00074
with element	113530520 (from page 62 and 63)

For pricing see Form 3028, Mechanical Price Book, page 15.

