



LEVEL & LEAK DETECTION

ZONE LEAK DETECTION MODULE WITH CABLE *LIQUI-TECT 460*

DESCRIPTION

The **Liqui-tect® 460 (LT460)** provides zone detection of leaks, protecting equipment by constantly monitoring the area for leaking liquids. The **LT460** is the ideal solution for perimeter sensing or serpentine coverage of areas requiring up to 100 feet of cable. Selectable modes of operation provide flexible alarming options and protection for the cable. The **LT460** constantly monitors a zone for leaks, internal faults and power failures and warns of any abnormal conditions.

APPLICATION

- Glycol, condenser water and chilled water cooling piping leak
- Humification feed water piping
- Condensate pumps and drains
- Unit and ceiling auxiliary drip pans
- Overhead piping troughs

NEW!



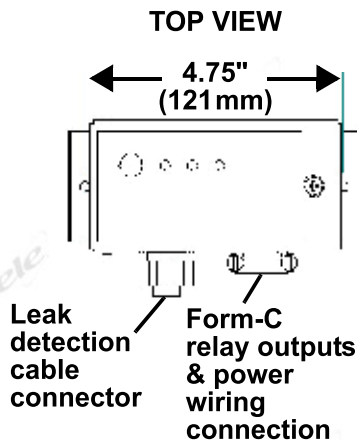
LT410 and LT460



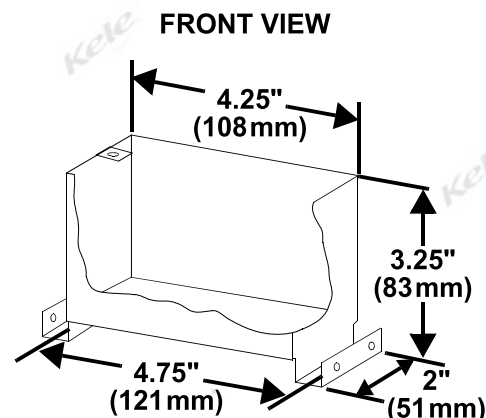
SPECIFICATIONS

Contact Rating	2 Form-C; 3 A rating at 24 VAC	Approvals	UL, C-UL, CE, FCC Compliance
Operating Altitude	0 to 10,000 ft (0 to 3,048 m)	Weight	2.0 lbs (0.9kg)
Operating Humidity	10% to 95% relative humidity (non-condensing)	Power Requirements	24 VAC 120 mA, 50/60 hZ 3 VA (max.)
Operating Temperature	50°F to 104°F (10°C to 40°C)	Sensing Cable Compatibility	All Liebert LT500 Sensing Cables
Enclosure Rating	NEMA 1, IP 30	Maximum Length of Sensing Cable	100ft (30.5m)
Dimensions	5.35"W x 3.23"D x 3.5"H (135.9 x 82 x 88.9 mm)		

DIMENSIONS



Shipping weight: 2 lbs (0.9 kg)
Mounting holes: #8 screws



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WIRING

Power Wiring

The LT460 is rated for 24 VAC, 50/60 Hz and 0.12 amp.

Figure 1 24V from Liebert environmental units to LT460

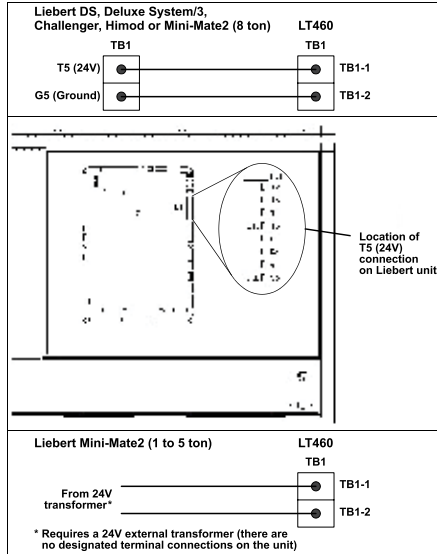
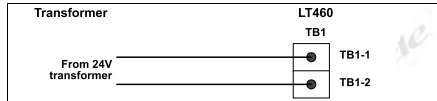


Figure 2 24V from transformer to LT460



Wiring to Auxiliary Alarm Panels

The LT460 has two Form-C dry contact alarm output contacts (TB2 & TB3). Each contact is rated for 24 VAC at 3 amp.

Figure 3 LT460 to Liebert environmental units

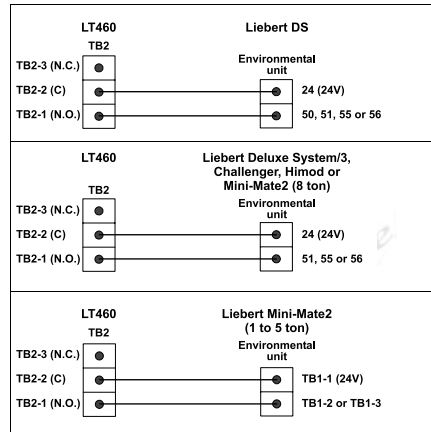
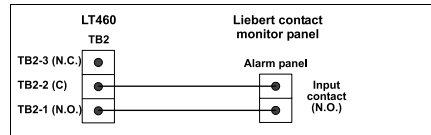
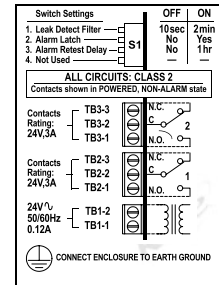


Figure 4 LT460 to Liebert contact monitor panel



Configuration Switch Settings

A four-position DIP switch is used to select two alarm (filter) delays and three mutually exclusive alarm modes. The switches are located next to the wiring termination blocks.



ORDERING INFORMATION

MODEL
Leak Detection Module
LT460
Leak Detection Kits
LT460-Z20
LT460-Z25
LT460-Z30
LT460-Z35
LT460-Z45
Leak Detection Cable
LT500-15Y
LT500-35Y
LT500-50Y

DESCRIPTION

Zone leak detection module

Zone leak detection kit with 20 foot cable and clips
Zone leak detection kit with 25 foot cable and clips
Zone leak detection kit with 30 foot cable and clips
Zone leak detection kit with 35 foot cable and clips
Zone leak detection kit with 45 foot cable and clips

Leak detection cable 15 foot
Leak detection cable 35 foot
Leak detection cable 50 foot

ACCESSORIES

LT500-ET
HDC

End terminator for LT500-xxY cable
Hold down clips

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