3L-NP
Liquid Leakage Non-Locating Detection System

3L-NP is a Liquid Leakage Non-Locating Detection System.

General features of ELSA control panel - 3L-NP

- Maximum accumulated length of sensing cable: 60m
- Maximum accumulated length of jumper cable: 100m
- Sound Alarm: 80dB max. buzzer with silencing button
- Failsafe operation: ability to operate in loop installation; ability to detect/locate liquid leakage during cable break
- Time to detect Leak/Cablebreak: 3 seconds typical
- Liquid leak detection data: Typically 20mm in length of liquid (such as tap water) in full contact with sensing cable

Environmental ratings

- Operating temperature: -10 to 50 degree C [indoor installation only]
- Storage temperature: -20 to 70 degree C
- Humidity: 5% to 95% non-condensing
Power requirements
- Power Supply : 230 +/- 15% VAC, 50/60 Hz
- Optional Input : 115 VAC/50-60 Hz or 12 to 30 VAC/DC power input
- Power consumption : 1 VA/0.75 W max.

Power relay switching characteristics
- Alarm dry contact : Operation - SPDT
  Switching current - 0.5A at 250 VAC; 1A at 30 VDC

Compliance to International safety standards:

Characteristics and Performance of ELSA sensing cable - 3L-LS
- Cable diameter : 6.5 mm avg.
- Continuity wires : White and Red insulated with flame-retardant polymer
- Sensing wires : 2 x Black wires semi-conductive polymer
- Carrier : Flame-retardant polymer material with greenish color in high visibility
- Fire resistance : Non-flame propagating and self-extinguishing

Warranty
1 year [Limited Warranty]

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