

Terminal box of linear heat sensor



Article Overview

A terminal box (junction box) for linear heat sensors provides a secure, weatherproof connection point for sensor cables, enabling continuity monitoring, cable protection, and integration with control systems.

Purpose and Function

A terminal box, also called a junction box, is used to connect, protect, and terminate linear heat detection cables. It allows multiple cable lines to join safely, provides strain relief, and ensures the system can monitor for faults such as open or short circuits. Terminal boxes are often used in conjunction with end-of-line (EOL) devices to maintain continuity monitoring and signal integrity in both analogue and digital systems .

Types and Materials

- **Material:** Terminal boxes are available in stainless steel, fiberglass, or non-metallic moisture-proof materials, depending on environmental requirements .
- **IP Ratings:** Common ratings include IP65, IP66, and IP67, providing protection against dust, water, and harsh conditions .
- **Analogue vs Digital:** Analogue systems can monitor both open and closed circuit faults, while digital systems typically monitor open circuit faults only .

Installation Features

- **Cable Glands and Terminals:** Facilitate secure cable entry and exit, preventing da...

Article Content

Junction Boxes and Feed Cable

Use as end-of-line box for CTM series modules. The SR-502 Series Junction Box Sealed Strain Relief Connector is used when the

LST Linear Heat Detection Cable

LST Linear Heat Detection cable should be clipped to the foam dam using clips which position the linear heat detection cable close

End Of Line Terminators Linear Heat Detection Cable LHDC

Glands: 1 x M12 BNP The Patol End Of Line (EOL) junction boxes are designed to terminate either Analogue and Digital LHDC. The

Linear Heat Detection Controllers

Linear heat detection controllers are designed so that they can be configured to operate in a two-wire mode that emulates the

Alarmline II Digital Linear Heat Sensor Cable Technical Manual

Area coverage: The sensor cable is distributed throughout the risk area allowing protection of the general area as opposed to specific

Kidde LHS Linear Heat Sensor

DESCRIPTION The LHSTM Linear Heat Sensor cable is a flexible, durable and cost-effective fixed-temperature fire detector,

LINEAR HEAT DETECTION CABLE

1. INTRODUCTION Linear Heat Detection Cable (LHD) for fire detection is provided of two twisted steel conductors, covered by a

LINEAR HEAT DETECTION (LHD)

Features Linesense Digital Linear Heat Detection (LHD) cable is a simple and reliable product providing continuous uninterrupted

Linesense Product Catalog of Linear Heat Detection Cable "End Of

Linear Heat Detection (LHD) End Of Line (EOL) units are used in conjunction with the Interface modules to terminate the Linear Heat

Junction Boxes and Feed Cable

SR-502N Junction Box Sealed Strain Relief Connector (Nylon) The SR-502N is used when any Protectowire Linear Heat Detector

Fireclass 516.016.028FC LHD Junction EOL Box

The ProReact Digital End-of-Line Unit is designed to effectively terminate up-to two zones of ProReact EN Digital LHD cable in a

LHD Junction/EOL Box Polycarbonate w/5 DIN Rail mounted

Two Cable Glands and 5 DIN Rail Mounted Terminal Blocks for use with linear heat detection cable as end-of-line box or in-line

Linear heat detection

Linear heat detection (LHD) (also known as linear detection wire or linear heat detection cable or linear heat) is a very commonly

Linear Heat Temperature Sensor

The integration of linear heat detection with InfraSensing's sensor platform ensures continuous and precise monitoring of

LHSTMLinear Heat Sensor Cable

DESCRIPTION The LHS Linear Heat Sensor cable is a flexible, durable and cost-effective fixed-temperature fire detector, suitable

Digital Linear Heat Sensing Cables

Specifications System Sensor Fixed Temperature Linear Heat Detection Cable range consists of a twisted pair of extremely low

800 900 Series Linear Heat Detector (LHD)

It can detect heat at any points along its entire length. The cable is composed of two twisted shield conductors insulated with a heat

Contact Us

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