

Digital LHD Control Unit

Alarmline II Series



Overview

The ADLCU is an optional location control unit for digital linear heat cable. Additional to the sensor cable, it monitors the cable and identifies along the length of the cable where the alarm condition has occurred.

Application

For applications where long lengths of cable are installed, such as cable tunnels, road tunnels and conveyor belts, the ADLCU can detect along the length of cable the location of the alarm event.

A maximum of 3km of Alarmline II digital sensor cable may be attached to the unit.

Installation friendly

The FM approved ADLCU has been designed to work exclusively with Alarmline II digital linear heat detection (LHD) cables. The ADLCU is installed between a single length of digital LHD cable and a conventional fire alarm control zone or addressable module. It is able to locate and display an alarm point up to 3000 metres along LHD cable.

An important design feature of the ADLCU is the uninterrupted operation of the conventional zone or addressable module regardless of any faults that may occur in the ADLCU, such as loss of power to the unit itself. The unit is simple to install and operate.

Standard Features

- Conventional controller
- Designed for Alarmline II series digital linear heat cable
- Easy to install
- IP65/IK08 rated
- FM approved



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Specifications

Operating voltage	9 to 28 VDC
Operating Current (max)	90 mA
Operating temperature	0 to +49°C
IP rating	IP65 (IK08)
Dimensions (W x H x D)	180mm x 130mm x 78mm
Construction	Polycarbonate with hinged removable cover and hinged removable internal front plate

Ordering information

Part number	Description
ADLCU	Linear Heat Detection, Digital LHD Control Unit