



DT650L

Conventional controller for analogue linear heat cable

User friendly

The DT650L and DT950L controllers are especially designed to provide the best response with the HC600 series analogue linear heat sensing cable.

The DT650L conventional controller provides a fire and fault relay output. The DT 950 analogue addressable controller can be connected to the FP1200/FP2000 series analogue addressable fire panels using 950 series protocol.

The DT650L and DT950L are VDS approved when used with the HC600 series analogue linear heat cable, and provides class C or class D heat monitoring.

The analogue solution

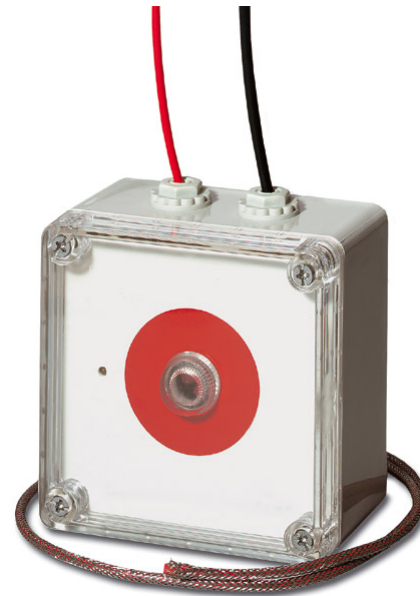
Giving rapid response in ambient temperatures below 40°C, the analogue cable will detect rising temperature when used with the DT650L or DT950L controller. The cable can normally be reused after operation, providing a fire does not physically destroy it.

The cable is available in four degrees of protection: Standard PVC cover, Rilsan covered for protection from chemicals, stainless steel covered for mechanical strength, and stainless steel plus Rilsan covered for mechanical and chemical protection.

Installation friendly

The analogue linear heat cable can be connected to either a conventional or analogue addressable controller. A range of cable fixings provides ease of installation. Using simple application and installation manuals, the correct cable can be installed to provide rugged, reliable heat detection at the point of risk. Properly installed, the linear heat detection system is maintenance free.

The analogue linear heat cable is suitable for many applications where conventional heat detectors cannot be used. The cable is particularly suitable for applications such as coal conveyors, power cable tunnels, and cable trays.



Standard Features

- Conventional controller
- Designed for the HC600 series analogue linear heat cable
- Fire and fault relay output
- Ease of installation
- 18 to 30 Volt operation
- IP65
- VdS approved

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Specifications

Operating voltage range Volt dc	18-30
Operating current (typical) mA	
Quiescent	28
Alarm	58
Operating temperature °C	-25 to +50
Relay contact rating (fire and fault)	1 A @ 30 V dc
IP rating	IP65
Dimension (H x Wx D in mm)	
Controller	105 x 105 x 65
Termination box	80 x 80 x 52
Colour	Grey, RAL 9002

Ordering Information

Part No.	Description
DT650L	Conventional controller for analogue linear heat cable
HC650	Analogue linear heat cable, PVC - 500 m
HC650R	Analogue linear heat cable, Rilsan coating - 500 m
HC650S	Analogue linear heat cable, stainless steel covering - 500 m
DT950L	950 series addressable controller for analogue linear heat cable

