

# DT650L

## Conventional Controller for Analogue Linear Heat Cable

### User friendly

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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

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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.

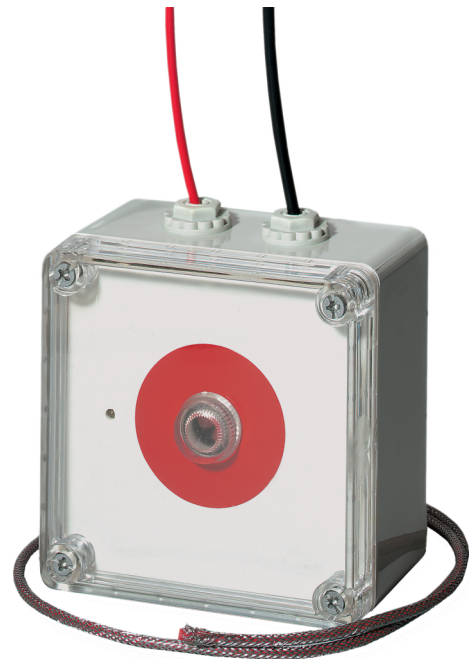
The cable is available in four degrees of protection: Standard PVC cover, Rilsan covered for protection from chemicals, stainless steel covered for mechanical strength, and stainless steel plus Rilsan covered for mechanical and chemical protection.

### Installation friendly

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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.



### Details

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- 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

# DT650L

## Conventional Controller for Analogue Linear Heat Cable

### Technical specifications

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#### Operating voltage range Volt dc

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18-30

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#### Operating current (typical) mA

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Quiescent 28

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Alarm 58

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#### Operating temperature °C

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-25 to +50

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#### Relay contact rating (fire and fault)

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1 A @ 30 V dc

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#### IP rating

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IP65

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#### Dimension (H x W x D in mm)

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Controller 105 x 105 x 65

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Termination box 80 x 80 x 52

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#### Colour

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Grey, RAL 9002

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#### Max. cable length

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300 m

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