



HC650R

Analogue linear heat cable, Rilsan coating - 500 m

User friendly

Analogue linear heat cable may be connected to either the DT650L conventional or DT950L addressable controllers. 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.

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.

The analogue solution

Giving rapid response in ambient temperatures below 40°C, analogue heat 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 three degrees of protection: Standard PVC cover, Rilsan covered for protection from chemicals, and stainless steel covered for mechanical strength.

The controller

The DT650L and DT950L controllers are especially designed to provide the best response with the analogue linear heat sensing cable. The DT650L conventional controller provides a fire and fault relay output. The DT950 addressable controller can be connected to the GE Security 1200/2000 series addressable fire panels using 950 series protocol.

The system is easily set according to the cable length using a single end of line resistor. The cable is fully monitored for short and open circuit.

Cable fixings for all applications

A range of 'edge', 'A', 'P', and 'T' clips allow the cable to be properly installed. The clips provide heat insulation and hold the cable at the correct distance from cable trays, steel works, ceilings and walls.



Standard Features

- Conventional and analogue addressable controllers
- Monitoring at the point of risk
- Ease of installation
- Reliable and durable
- Cable re-usable after alarm
- Ideal for 'smokeless' fires - overheating cables
- Class C or class D heat grade
- VdS approved when using the DT650L and DT950L controllers

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Specifications

1m alarm temp °C	70-125
10m alarm temp °C	45-100
Operating temp °C	-20 to +70
Maximum length per controller	300 m
Maximum operating ambient temp	40 °C
Outer sheath material	Rilsan coated
Dimensions (diameter in mm)	4

Ordering Information

Part No.	Description
HC650R	Analogue linear heat cable, Rilsan coating - 500 m
HC650R-M	Analogue linear heat cable, Rilsan coating - 1 m
DT650L	Conventional controller for analogue linear heat cable
DT950L	950 series addressable controller for analogue linear heat cable
HCA601N	'A' clip for heat cable 100/pack
HCA602	'P' clip for heat cable 100/pack
HCA603	'T' clip for heat cable 100/pack
HCA605-8	Edge clip for heat cable 3-8 mm 100/pack
HCA605-14N	Edge clip for heat cable 8-14mm 100/pack

