

HC650S

Analogue linear heat cable, stainless steel covering - 500 m

User 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.

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.

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 DT 950 analogue addressable controller can be connected to the FP1200/FP2000 series analogue 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

- **Analogue linear heat cable**
- **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
Outer sheath material	Stainless steel
Dimensions (diameter in mm)	3.5

Ordering Information

Part No.	Description
HC650S	Analogue linear heat cable, stainless steel covering - 500 m
HC650	Analogue linear heat cable, PVC - 500 m
HC650R	Analogue linear heat cable, Rilsan coating - 500 m
HC650RS	Analogue linear heat cable, Rilsan + stainless steel - 500 m
DT650L	Conventional controller for analogue linear heat cable
DT950L	950 series addressable controller for analogue linear heat cable
HCA601	'A' clip for heat cable 100/pack
HCA602	'P' clip for heat cable 100/pack
HCA603	'T' clip for heat cable 100/pack
HCA605-3	Edge clip for heat cable 2-3 mm 100/pack
HCA605-8	Edge clip for heat cable 3-8 mm 100/pack
HCA605-14	Edge clip for heat cable 8-14mm 100/pack
HCA605-20	Edge clip for heat cable 14-20mm 100/pack



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