HCD623
Digital heat sensing cable 235°C - 500 m

User friendly

The digital 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, cable trays, and petro-chemical floating roof tanks. The digital cable is approved for outdoor use.

Digital linear heat cable is particularly suitable for intrinsic safe solutions using a zener barrier.

Five different alarm temperatures from 68°C to 235°C are available. 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 digital linear heat detection system is maintenance free.

The digital solution

Digital cable acts like a simple short circuit switch when the temperature at any part of the cable reaches the cable alarm temperature. The cable can be connected to conventional fire panels and analogue addressable input modules using a junction box and end-of-line resistor. The cable can be monitored for open circuit.

The cable system is re-used after an alarm by cutting out the piece of short-circuited cable, and replacing that short length with some more cable.
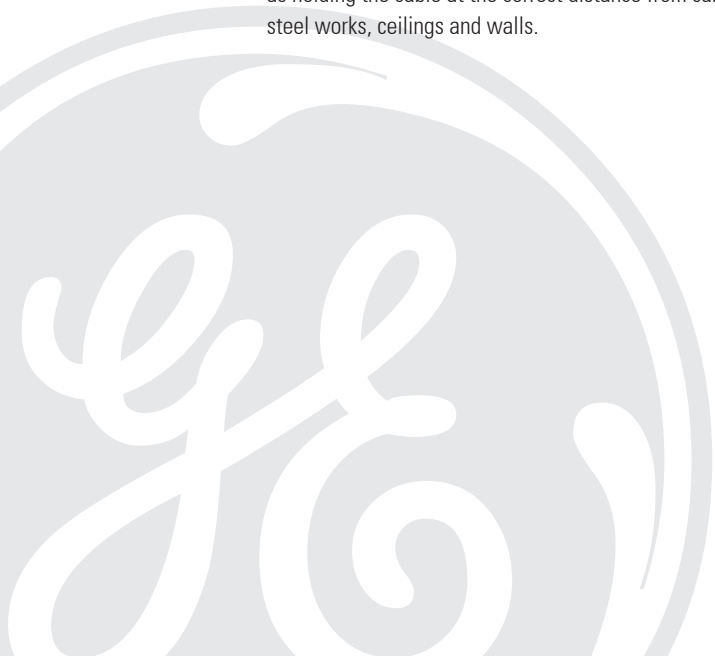
Cable fixings for all applications

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

Standard Features

- **Digital linear heat cable**
- **Monitoring at the point of risk**
- **Choice of temperatures 68 to 235°C**
- **Ease of installation**
- **Reliable and durable**
- **Intrinsic safe solutions**
- **Ideal for 'smokeless' fires - overheating cables**

HCD623

Digital heat sensing cable 235°C - 500 m

Specifications

Max operating voltage	100 V ac/dc
Conductor resistance	100 Ohm/km
Alarm temp °C	235
Max ambient °C	200
Outer sheath material	Fluoro-polymer
Colour/Marking	White
Dimensions (diameter in mm)	3.5

Ordering Information

Part No.	Description
HCD623	Digital heat sensing cable 235°C - 500 m
HCD607	Digital heat sensing cable 68°C - 500 m
HCD609	Digital heat sensing cable 88°C - 500 m
HCD610	Digital heat sensing cable 105°C - 500 m
HCD618	Digital heat sensing cable 180°C - 500 m
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

GE Security