



Description

DEMCO Heat Detectors D-103 employ the principle of electrother- modynamics, the science of relation between heat and electromechanical works. They are professionally designed to work reliably with most fire detection system with central control equipment.

Mode of Detection

Rate-of-Rise

Being the first stage of detection, the Detector senses the rate-of-rise of temperature around its zone of coverage. When the rate of temperature increase exceeds 6°C within 4 seconds, the Detector instantly switches from its normally open circuit to closed circuit to activate the fire alarm.

Fixed Temperature

The Fixed Temperature method comes into action in cases of slow smoldering fire where the temperature does not increase at the rate that would trigger the Rate-of-Rise detection.

Features

- Double sensitivity (Rate of Rise & Fixed Temperature)
- Interchangeable base
- Easy installation
- Double terminal wire connector
- LED indication
- Low power consumption
- Wide voltage variation
- Auto Reset (Rate-of-Rise mode)
- Durable

Specification

Supply Voltage	Standby Current	Alarm Current	Dimension	Net Weight
12-28V DC	Nil	1.5mA	78mm(Ø) x 55mm(H)	92g