

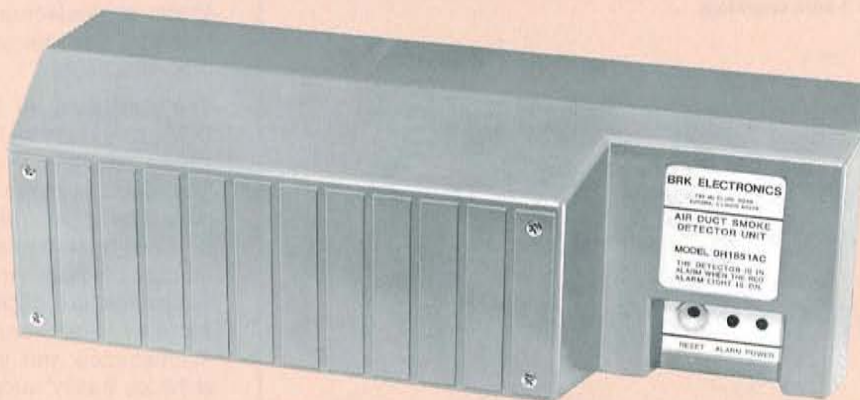
**PHOTOELECTRONIC
AND IONIZATION
DUCT DETECTORS
FOR SYSTEMS USE**

MODELS

**DH1851AC / DH1851DC
DH2851AC / DH2851DC**

BRK ELECTRONICS *First in Fire Warning*

DH1851 / 2851 Series Duct Detectors



- **Accommodates both ionization and photoelectronic smoke detector heads**
- **2/4 wire DC operation or 4 wire AC operation**
- **Mounts easily and quickly to round or rectangular ducts**
- **Handles air velocities from 300 to 3000 FPM**
- **UL listed (268A)**

BRK quality, coupled with ease of installation and maintenance, makes this duct detector the industry standard.

The BRK DH1851/DH2851 duct housing will accommodate either the 1851DH ionization detector or the 2851DH photoelectronic detector. The twist in—twist out detector and base allow the removal of detectors easily and quickly for cleaning and maintenance. In addition, detector heads can be changed to fit the application without duct housing removal.

Once installed, the DH1851/2851 series duct housing provides the sampling of air currents passing through

a duct and permits the detection of a developing fire. Either model gives dependable performance for rapid shutdown of fans, blowers and air conditioning systems, thereby preventing the rapid spread of toxic smoke and fire gases through the protected area.

All models come with one 8" exhaust tube. Sampling tubes are available to fit ducts from 1' to 10' wide.

Plug-in relay module (AR-10) is used for 4-wire 24VDC operation. AC models include the AR-10 relay module.

BRK's duct detector "Applications and Installation Instructions" should be used for reference as well as BRK's "Applications Manual for Systems Detectors."

