fire kloud

AEROSOL
REVOLUTION
TECHNOLOGY

Rack server protection

Fire extinguishing aerosol generator

UNI EN 15276
ISO 15779

15 YEARS
Certified product life



DETECTS AND EXTINGUISHES THE FIRE IN SECONDS

DOES NOT DAMAGE OBJECTS AND SPACES

NOT PRESSURISED

COST EFFECTIVE

SUITABLE FOR LIVE ELECTRICAL EQUIPMENT

SYSTEM DESCRIPTION

Fire Fighter is an independent fire detection and extinguishing unit for server rack cabinets. It is ideal for a modular protection of one or more Rack cabinets and/or telecommunications cabinets. The system consists of a **Master** control and command device and a **Slave** detection/extinguishing unit.
Fire Fighter features two fire detection technologies and a Fire Kloud condensed aerosol extinguishing system.

SYSTEM CONFIGURATION

The Master module is a complete interface, in a 3U high 19" rack drawer, it includes a control logic, a power supply unit, buffer batteries and a display/control panel.
The Detection and Extinguishing Slave module is equipped with 2 sensors capable of detecting smoke, a temperature-sensitive cable, a Fire Kloud aerosol generator and Inputs/Outputs for the management of commands and remote controlling.
Secondary Slave modules with master/slave logic for subsequent cabinets and optional aerosol generators for the protection of cold/hot aisles in Data Centres are also available.

ADVANTAGES

19" RACK	Solution with total fire detection and suppression for 19" racks
EQUIPMENT FRIENDLY	The extinguishing agent is a dielectric, non-acidic, non-corrosive fume and does not damage live electronic apparatus and equipment
EASY TO INSTALL	No engineering design required and simple to install
SMALL AND COMPACT	Fire Fighter is small and compact, the module is only 3U high
2 m^3 PROTECTION	Fire Fighter can provide a maximum protection of 2 m^3 in a standard 19" rack
SLAVE UNITS	Fire Fighter can control remote slave units for detection and aerosol suppression