

SEVOTM **SYSTEMS**
Safe Environmental Choice

SEVOTM cube

RACK MOUNT FIRE SUPPRESSION



by Torkild Retvedt

Telecommunications industry is linked directly to business development. Data Centers, Server Rooms and Computer controlled manufacturing have become in critical assets where a small fire can result in loss high value equipment with long term reposition, causing interrupting vital operations of the companies and damaging usual work of them.

Fire risk in these rooms and hardware development grow up together, concentrating in one place more and smaller equipments, with higher power consumption and bigger stored business information, becoming critical their protection.

FIRE RISK IN DATA CENTER

Security and Fire Protection must be more than optional elements in your Server Room, beyond the size and number of equipment installed on it, both will ensure the continuity of your business.

Different industry studies show us that

43% of businesses that are closed by a fire never reopen. 29% of companies which can reopen at the end they close within three years. The potentially destructive effects of fire have created great demand for computer room fire protection, detection, and suppression.

FEATURES

Fully self-contained fire detection and suppression system

Compact 2U x 19" chassis mounting

Protection up to 3m³

Plug & Play

Front panel key switch control/ isolation

Display LCD

Local and remote audiovisual condition monitoring and control

Monitored alarm/fault circuits

Visual alarm and fault status indications

Point-type or air sampling smoke detection

Single or coincident alarm

Door opened detection

Ready for use 24 hours & 365 days

24-hour battery back-up

Fan/power shut-down control

IT/BMS data output

Web server management

Based on NOVEC 1230

Environmental friendly

Compatible with persons

Without any residuous

Refill on site





SEVOTM Systems is the best choice to protect your critical asset

EFFECTIVE PROTECTION

The SEVO Cube protect the heart of our business: the information. SEVO Cube is installed on the top of the rack communications enclosure, making a rapid fire detection and activating the automatic discharge at the possible risk point.

The high technology used in SEVO Cube system makes it a highly advanced and reliable equipment. It has backup power which ensures operation in case of power failure network, as required in the various global regulations for Fire Protection systems.

Sevo Systems R+D department paid special attention to details such as aesthetics, ease of use, start-up after activation, the proper functioning of the detection system and the effectiveness of the extinguishing system.

Details and features as its LCD screen, built-in web server, IP communication or the use of NOVEC1230 Fire Protection Fluid like extinguishing agent makes it an effective and intelligent solution to protect our communications.

USER FRIENDLY

SEVO Cube interacts with the user both: visually and virtually.

SEVO Cube brings the possibility to configure it thru keypad included or remotely via TCP/IP.

TCP/IP communications interface makes SEVO Cube be always monitored.

The effectiveness of SEVO CUBE system is tested for several types of racks. Contact Sales department Sevo Systems for further information.

NOVEC 1230

With zero ozone depletion potential, extremely low global warming potential and short atmospheric lifetime, Novec 1230 Fire Protection

Fluid is the first chemical halon replacement to offer a viable, long-term and sustainable technology for special hazards fire protection.

COMPLY WITH:



by William Warby



ADVANTAGES

SEVO Cube includes in the same equipment a complete detection system and an extinguishing system based on clean agent.

Fire detection is done by two smoke detectors or air sampling system, guaranteeing quick response.

Also, it includes cross detection using two different zones, which reduces the number of false alarms.

Extinguishing is done using 3M NOVEC 1230 Fire Protection Fluid (clean agent without residues and low pressure discharge) avoiding damages in equipment protected.

Installation is very easy and quick, only three steps: anchoring to the structure, electrical power connection and switch on SEVO Cube.