

### 19" INRACK FIRE SUPPRESSION SYSTEM

#### Features:

- Self-contained fire detection & suppression system
- Additional environmental control capabilities
- Compact 2U x 19" chassis mounting
- Local/remote audio/visual condition monitoring & control
- Monitored alarm/fault circuits
- Visual alarm & fault status indications
- Point-type or air sampling smoke detection
  - Single or coincident alarm
- Choice of gaseous extinguishing agents
- Selectable gas release delay
- Up to 12 hour battery back-up
- Fan/power shutdown control
- IT/BMS data output
- EMC tested/CE mark tested

#### Benefits:

- Complete rack/cabinet fire solution
- Close protection for high value assets & critical operations
- Faster response to in-cabinet fire incidents
- 24/7 running, no daytime lock-off
- Requires little to no fire engineering design, installation cost or floor space
- Reduced extinguishing gas requirement/maintenance costs
- Contributes to responsible environmental emissions policy
- And by distributing protection within cabinets, improves cost effectiveness of fire safety policy
- **Inrack fire suppression unit** is transportable, it moves with the cabinet
- **Inrack fire suppression unit** can be extended and networked
- Communication links to IT networks/BMS
- SNMP/Web enabled for greater integration/management control
- Improved control & security integration with main building systems



Representing the future in cabinet protection; **Inrack fire suppression system** is a self contained automatic fire extinguishing system for rack enclosures and equipment cabinets, which can be used in all industry sectors to protect valuable assets and critical systems and processes.

Designed to be housed in 19" racking systems for the protection of electronic equipment, The unit is fully capable of detecting a fire using a range of proven and approved fire detection sensors.

If a fire condition is detected, the system can automatically respond to the hazard by controlling a planned release of proven fire extinguishing gas into the enclosure; all within 10 seconds of the detection of a fire condition. The unit also carries on-board processing and communication functions to pass on information to building management and security systems. Signals can be sent to other equipment via Form 'C' VFCC to inform of the units status and to key personnel for immediate investigation.

**Inrack fire suppression system** is also suitable for non-19" applications through its unique mounting tray layout, which can be accommodated within top and side-mounted boxes, as well as being installed to side walls within non-19" equipment cabinets. Where standard rack enclosures are used, the **Inrack** unit is sited at the top of each rack.

By siting the 19" **Inrack fire suppression system** at the top of each equipment rack the individual piece of equipment is being protected right at the heart of the potential risk, therefore more accurately pinpointing the fire at a very early stage and eliminating the need to discharge large costly amounts of fire suppressant. Designed around existing fire detection/control standards and also within the existing performance requirements for extinguishing systems. This is crucial in ensuring that all parts, bottles, valves, smoke detectors, etc; are pre-approved. Similarly, the unit undergoes continual assessment testing under different fire and hazard conditions; again to ensure that each application is fully understood and the **Inrack** system is able to detect a fire hazard and take the appropriate action to annunciate and contain the condition.

DESCRIPTION	PART CODE
19" INRACK FIRE SUPPRESSION SYSTEM HFC227EA (FM200) SUPPRESSION 1.5m <sup>3</sup>	CA-INRACK-FIRE-FK1.5
19" INRACK FIRE SUPPRESSION SYSTEM HFC227EA (FM200) SUPPRESSION 3.0m <sup>3</sup>	CA-INRACK-FIRE-FK-3
19" INRACK FIRE SUPPRESSION SYSTEM FK-5-1-12 SUPPRESSION 1.5m <sup>3</sup>	CA-INRACK-FIRE-FM1.5
19" INRACK FIRE SUPPRESSION SYSTEM FK-5-1-12 SUPPRESSION 3.0m <sup>3</sup>	CA-INRACK-FIRE-FM-3
19" INRACK FIRE SUPPRESSION SYSTEM HFC227EA (FM200) SUPPRESSION 3.0m <sup>3</sup> (WITH REMOTE DETECTION & EXTERNAL SOUNDERS)	405E-FIRE-INRACK-01

**For further details on Fire Suppression Systems please contact the Cannon Sales Team.**

Size conversions: 1U = 44.45mm = 1 3/4" 600mm = 24" 700mm = 28" 800mm = 32" 1kg = 2.2lbs

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