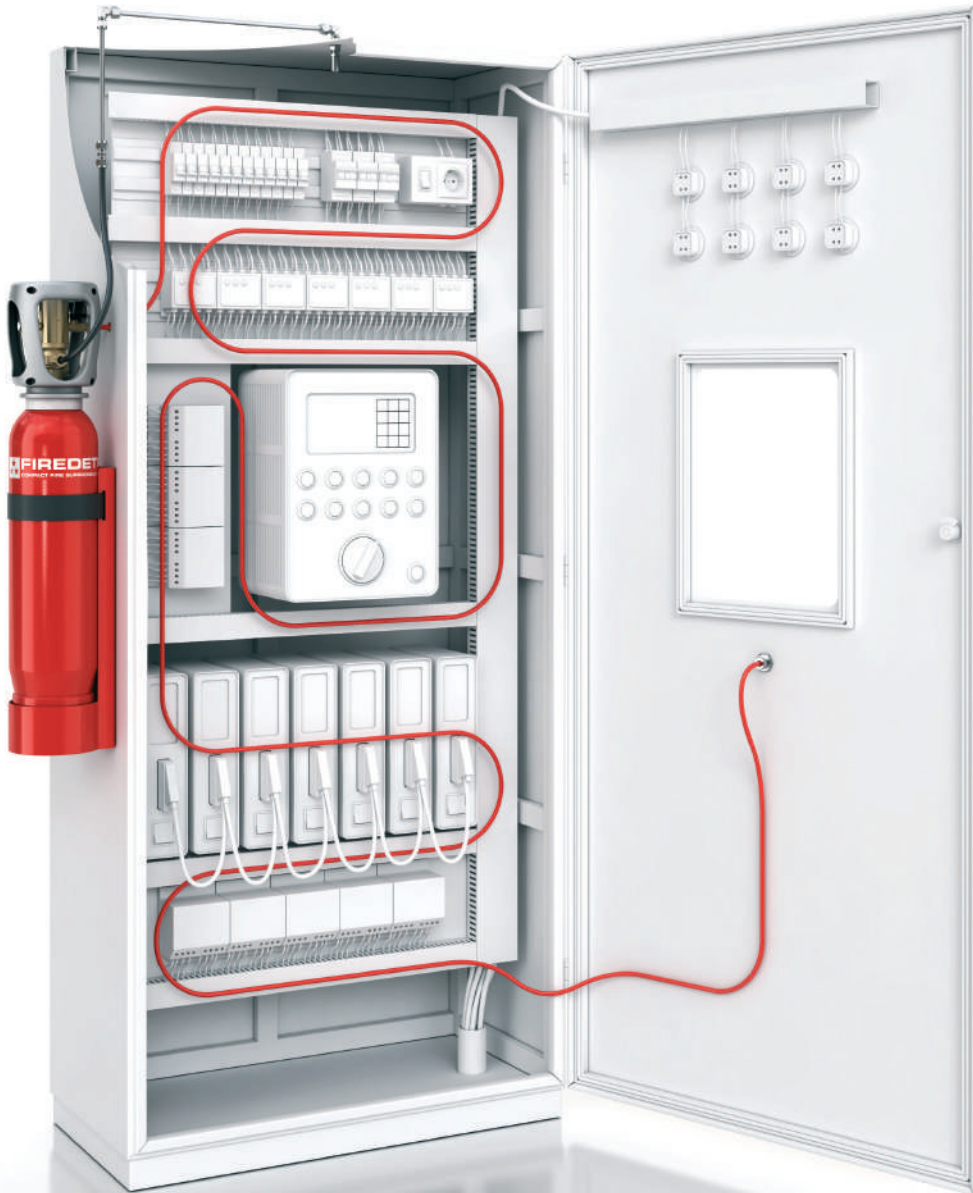




**ROTAREX**  
FIRETEC



 **FIREDETEC**

COMPLETE SYSTEMS FOR ELECTRICAL CABINETS

# A COMPLETE DETECTION & SUPPRESSION SYSTEM PRE-ENGINEERED FOR ELECTRICAL CABINETS

- ★ Easy / Flexible installation
- ★ Quick & Effective suppression
- ★ Highly Dependable: no electricity or moving parts



## EVERYTHING YOU NEED TOGETHER IN ONE BOX



## REDUCES EVEN THE MOST CRITICAL ELECTRICAL FIRE RISKS:

- Combustion from short circuits, overloading or overheating
- Extensive damage to circuitry
- Work stoppage
- Extensive cleanup if sprinkler system discharges

# THE FIREDETEC® DIFFERENCE

Rotarex FireDETEC® systems use a proprietary continuous linear sensor tube that reliably detects and actuates release of the extinguishing agent using pneumatic technology. It is more flexible, space efficient and cost effective versus alternative mechanical or electronic systems.



### 1. Quick & Easy installation directly inside electrical cabinets:

The flexible sensor tubing is easily installed inside the electrical cabinet - directly above the wires and circuitry where a fire could start.

When in service, the tubing is pressurized with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

### 2. Early fire detection:

If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot (approx. 110°C)

### 3. Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with CO<sub>2</sub> extinguishing agent. The fire is quickly suppressed just moments after it began... minimizing damage and downtime.



## CHOOSE FROM 3 SUPPRESSION AGENTS : A MATTER OF PREFERENCE



|                    | CO <sub>2</sub>   | CHEMOURS FM-200® AGENT  | Novec 1230 fluid   |
|--------------------|---|---|--|
| <b>Performance</b> | Excellent   | Excellent   | Excellent  |
| <b>Advantages</b>  | No residue<br>Non-reactive<br>Economical<br>All Natural<br>Prevents re-ignition<br>Medium Pressure (60 bar) | No residue - safe for electronics<br>Non-reactive / Non-corrosive<br>Most globally-proven clean agent<br>Good Environmental profile<br>Safe to use in occupied areas<br>Compact Cylinder<br>Low pressure (16 bar) | No residue - safe for electronics<br>Non-reactive / Non-corrosive<br>Increasing popularity<br>Good Environmental profile<br>Safe to use in occupied areas<br>Compact Cylinder<br>Low pressure (16 bar) |

3M and Novec 1230 fluid are trademarks of the 3M company

\*UL and FM certifications apply only to indirect DOT clean agent systems

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## OTHER AVAILABLE PRE-ENGINEERED SYSTEMS:

### CNC MACHINES



### FUME CABINETS



### COMMERCIAL KITCHENS



### VEHICLE ENGINES

