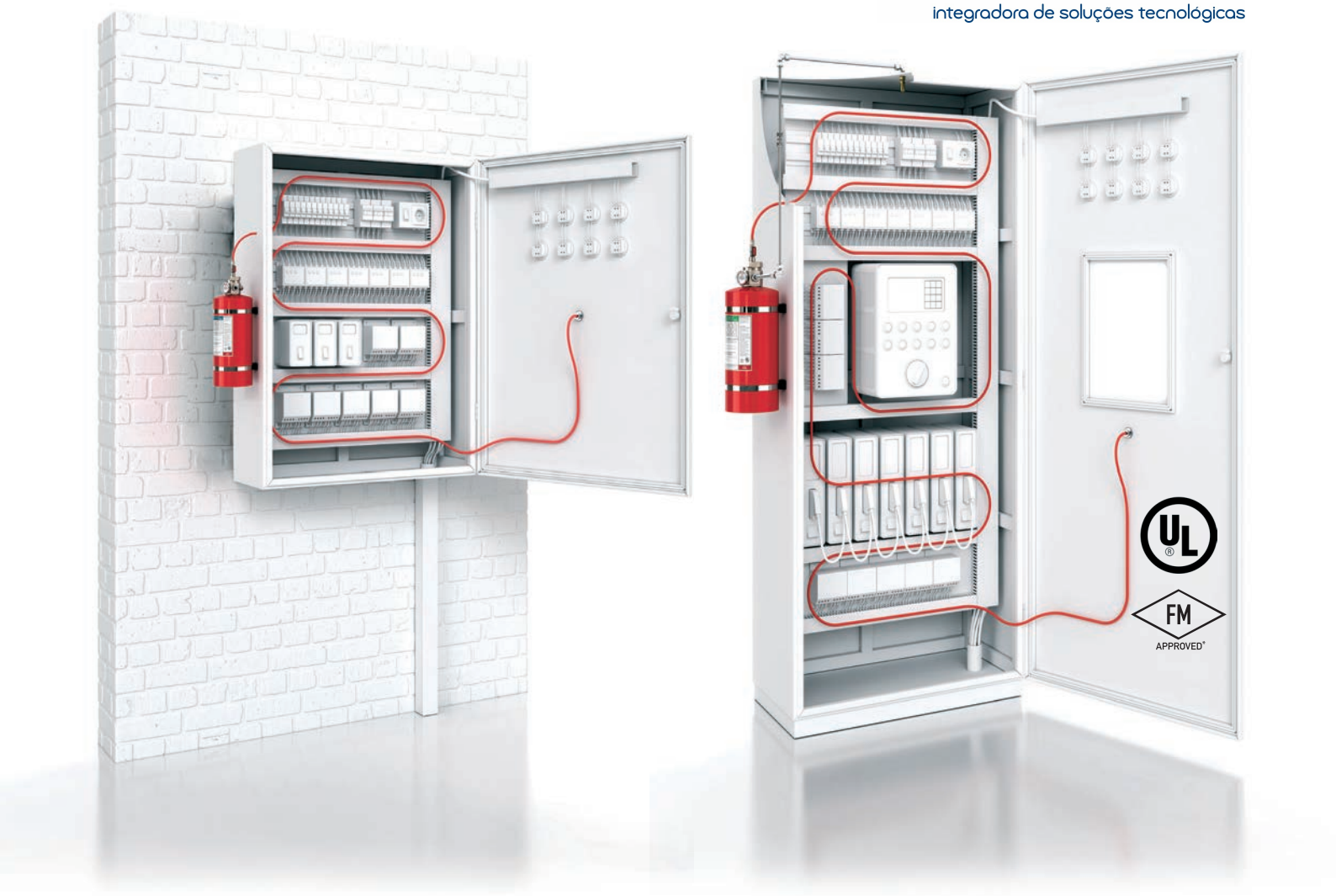
ROTAREX
FIRETEC

PARTNER FIRE
integradora de soluções tecnológicas



3M
Novec™
Brand

FIREDETEC

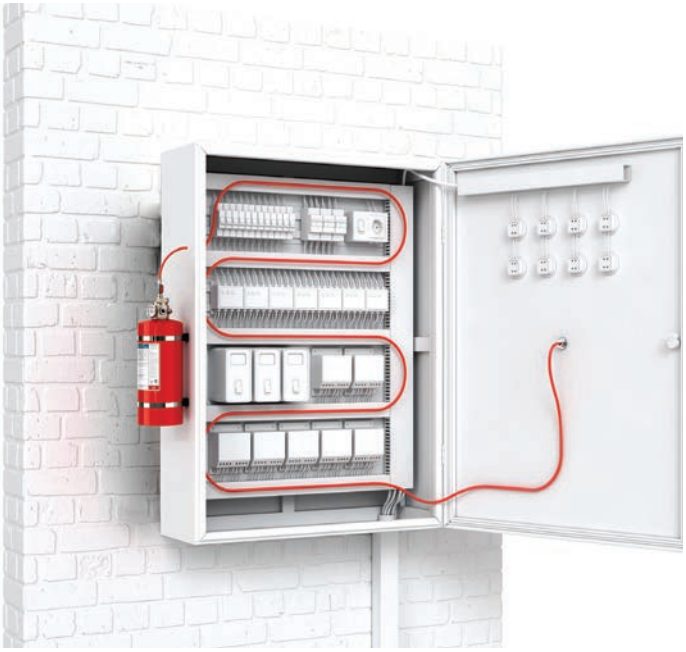
DIRECT AND INDIRECT LOW PRESSURE FIRE SUPPRESSION SYSTEMS

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

★ Easy / Flexible installation
★ Quick & Effective suppression
★ Fully autonomous : no external power needed
★ System armed and ready 24/7

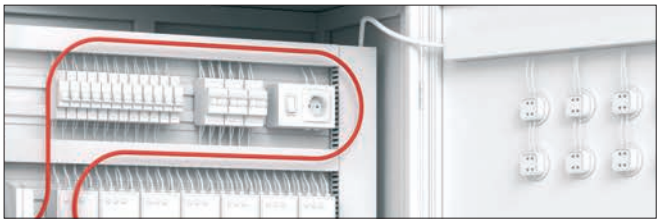
DIRECT
LOW PRESSURE
FIRE SUPPRESSION SYSTEM

PROTECTION OF SMALL ENCLOSURES UP TO 2M²



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 circuity 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 NOVEC 1230 Fluid. The fire is quickly suppressed just moments after it began... minimizing damage and downtime.



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

EVERYTHING YOU NEED TOGETHER IN ONE BOX



ROTAREX FIRETEC
PARTNER FIRE
integradora de soluções tecnológicas

ALL RIGHTS OF CHANGE RESERVED

A COMPLETE DETECTION & SUPPRESSION SYSTEM PRE-ENGINEERED FOR ELECTRICAL CABINETS USING NOVEC 1230

★ Easy / Flexible installation
★ Quick & Effective suppression
★ Fully autonomous : no external power needed
★ System armed and ready 24/7

INDIRECT
LOW PRESSURE
FIRE SUPPRESSION SYSTEM

PROTECTION OF BIGGER ENCLOSURES

NFPA 2001 STANDARD



NOVEC 1230 FLUID- EFFICIENT AND ENVIRONMENTALLY FRIENDLY



	Novec 1230 fluid
Performance	Excellent
Advantages	No residue - safe for electronics Non-reactive / Non-corrosive Increasing popularity Good Environmental profile Safe to use in occupied areas Compact Cylinder Low pressure (16 bar)



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

*UL and FM certifications apply only to systems filled in Rotarex FM/UL approved filling station

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PARTNER FIRE

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OTHER AVAILABLE PRE-ENGINEERED SYSTEMS:

CNC MACHINES



FUME CABINETS



COMMERCIAL KITCHENS



VEHICLE ENGINES



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