SIEMENS

Sinorix Compact –
easy, unique, all-in-one fire safety

Complete fire safety system – combining fire detection, extinguishing, alarming and control – for the protection of electronic equipment

Sinorix Compact is a fire safety system compliant with EN standards that combines fire detection, extinguishing and control in one compact package.

Aimed at the growing IT industry
Data centers are at the heart of the modern business world and among the fastest growing markets worldwide. It is essential that they have reliable fire protection because the business continuity of many companies depends on their stored data and knowledge.

Mastering electrical risks of fire
Data centers usually have a complex infrastructure with a high risk of fire because they contain a vast amount of electronic and electrical equipment. The hardware and cabling pose a continuous threat of potential ignition. The numerous plastic components provide plenty of sources of combustible material. In these environments, early fire detection and reliable extinguishing is crucial.
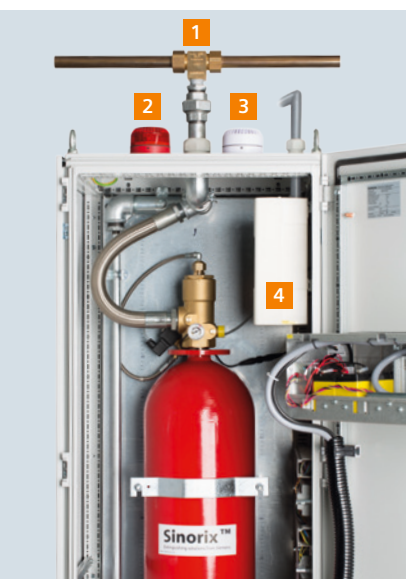
All you need in one compact design
Sinorix™ Compact is a cost-efficient, space-saving solution for the protection of small enclosures with a volume up to 120 m³ that contain electronic and electrical equipment. It is a well-designed complete solution that integrates all fire safety disciplines in one compact cabinet – detection, extinguishing, alarming and control. As a result, Sinorix Compact is fast and easy to install, commission and maintain.

Typical applications
– Small data centers
– Server rooms
– Telecommunication systems
– Electrical switching rooms

Answers for infrastructure and cities.

The inner values

Sinorix Compact offers all you need for comprehensive fire protection in one compact cabinet: an aspirating smoke detector, a Sinorix Silent Nozzle, an alarm device and a flashing signal lamp – all developed and engineered by Siemens – as well as a 3M™ Novec™ 1230 Fire Protection Fluid cylinder. All devices are prewired to an XC10 fire detection and extinguishing control panel. An additional nozzle can be easily connected to protect the false floor.

Fast and reliable detection

The aspirating smoke detector from Siemens draws air samples from the room, measures the size and concentration of the airborne particles and classifies them. This ensures very early and highly reliable fire detection in areas where high detection sensitivity is essential.

Quiet and safe extinguishing

Sinorix Silent Nozzle keeps the noise during the extinguishing process below the level that has been found to pose a risk to hard disk drives. With its linear design, it also distributes the extinguishing agent evenly and efficiently.

Novec 1230 fluid is ideal for the protection of delicate electronics because it is non-corrosive and non-conductive. The clean chemical agent is also safe for people and the environment.

Easy and efficient control

When receiving a fire alarm, XC10 immediately triggers the extinguishing process. With XC10, you can also easily add additional detectors and integrate Sinorix Compact into a larger fire detection system or even into a danger management system.

Reflecting 160 years of experience

Sinorix Compact consists of state-of-the-art devices that all come from a single source – Siemens. This means 160 years of experience and expertise in fire safety packed into an optimal, compact design.

Highlights

- All-in-one solution – detection, extinguishing, alarming and control in one cabinet
- Ideal for enclosures up to 120 m^3 containing electronic and electrical equipment
- Optimized compact design with prewired components facilitates installation
- Fast commissioning and easy maintenance
- All components from a single source – Siemens