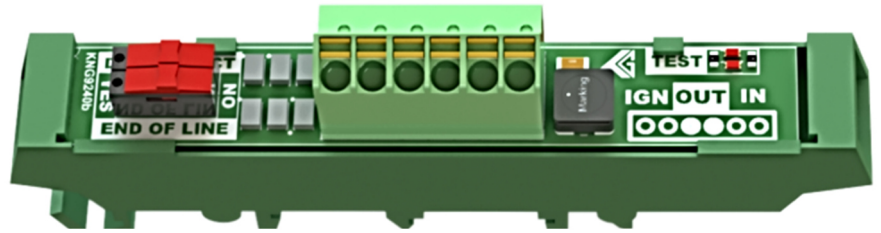


The μ-FEP system

The μ-FEP fire alarm and extinguishing control system is specifically developed for an aerosol extinguishing system in relation to our firefighting concept: 'Fire detection & suppression at the source'.

- Versatile
- Compact
- Easy operation
- Easy programming
- Logical system structure
- Extinguishing at the source
- Input and output monitoring
- FCC, CE, ESD, EMC, BRL23003/2, IP66



Working principle of the μ-ETB

The μ-ETB is specially developed for the μ-FEP and aerosol extinguishers. This terminal connection board is equipped with built-in security electronics, which ensures that all igniters of the extinguishing units are actually activated. Together with an end line switch, this option turns the μ-FEP system into a complete and reliable fire detection and extinguishing system. The μ-ETB generator terminal board unit is available in a built-in 35 mm DIN rail version.

The μ-FEP system consist the following:

- μ-FEP Fire & Extinguishing Panel
- μ-ETB Extinguishers Terminal Board
- μ-FEM Extinguishing system Test Module

The most important characteristics of the μ-ETB are:

- easy connection through push connection
- minimum core diameter 0.5 mm² (AWG 20)
- maximum core diameter 1.5 mm² (AWG 16)
- a bridging protection ensures that the ignition current flows through ALL electrical activators for at least 50 ms,
- also when one of the igniters is malfunctioning or behaving differently than others (e.g. igniting sooner) and going in high impedance before other igniters are ignited
- the μ-ETB is equipped with a switch that activates the end-line monitoring diode at the last extinguishing generator
- a second switch is intended to disconnect the electrical activator from the extinguishing line for the purpose of testing the extinguishing line without activating the extinguishing generators
- there is a red test LED that shows that an activation current is actually being initiated during the installation test
- the μ-ETB is equipped with reverse polarity protection, thereby avoiding connection errors
- the μ-ETB is equipped with surge protection, which reduces the risk of activation of a fire generator near a lightning strike
- mounting method: DIN rail 35 mm

