



μ-ETB Extinguishers Terminal Board

The μ-FEP/NANO system

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

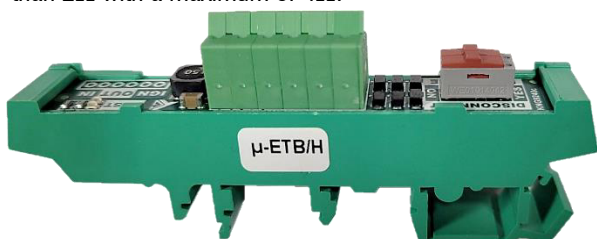
- Versatile
- Compact
- Easy operation
- Easy programming
- Logical system structure
- Fire detection at the source
- Fire suppression at the source
- Input and output monitoring
- FCC, CE, ESD, EMC, DNV, IP66

The most important characteristics of the μ-ETB are:

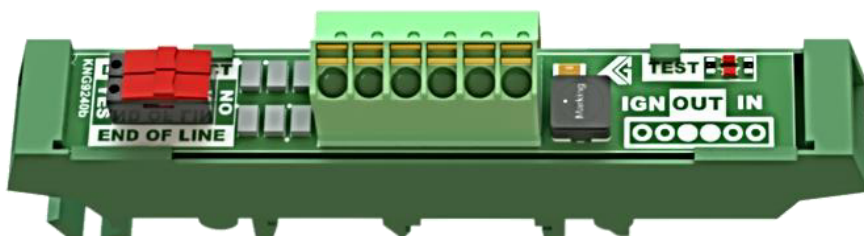
- a bridging protection ensures that the ignition current flows through ALL electrical activators for at least 50ms,
- If one of the ignitors malfunctions or behaves differently from the other ignitors, the other ignitors are still activated.
- the μ-ETB is equipped with a switch that activates the end-line monitoring diode at the last extinguisher.
- a second switch is intended to disconnect the electrical activator from the extinguishing line.
- a red test LED is present, indicating that an activation current has been issued.
- 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.
- Dimensions 12,80 x 85,00 x 24,19 mm wide x length x height, DIN rail technology

μ-ETB types:

The standard μ-ETB is suitable for an aerosol extinguisher with an igniter resistance lower than 2Ω. The μ-ETB/H version is suitable for aerosol extinguishers with an igniter resistance higher than 2Ω with a maximum of 4Ω.

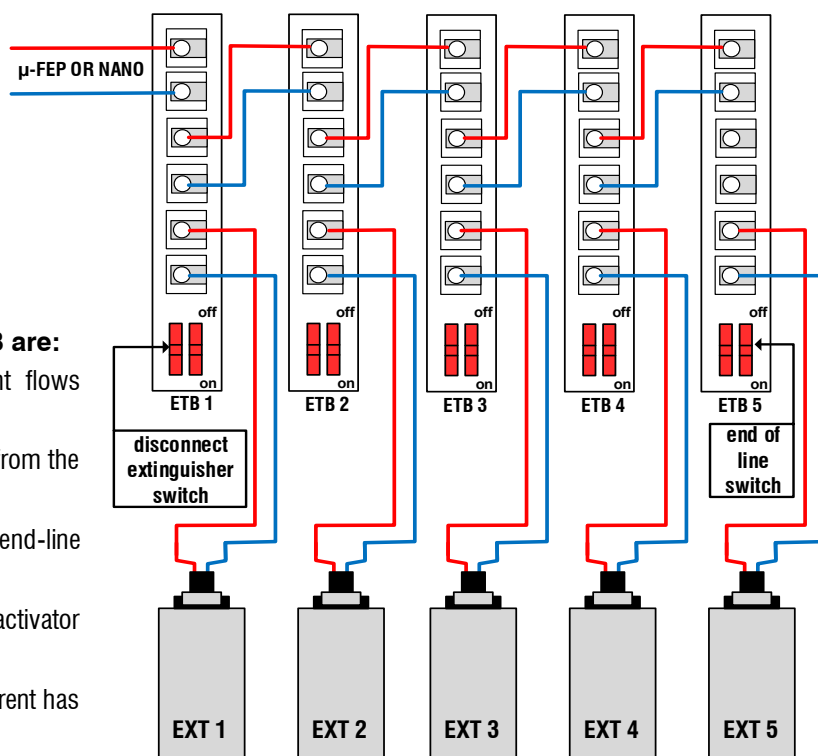


The μ-ETB/H can be recognized by the sticker on the side of this μ-ETB and 2 resistors near the test LED. The standard μ-ETB hasn't a sticker and only 1 resistor, see images.

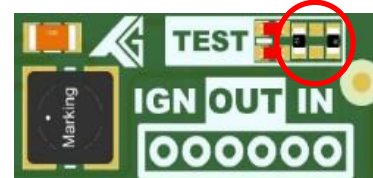


Working principle of the μ-ETB

The μ-ETB was developed as part of the μ-FEP and NANO system and intended for activation of aerosol extinguishers. This terminal board is equipped with built-in protection electronics that ensures that all ignitors of the aerosol extinguishers are activated. Together with an end line switch, this option turns the μ-FEP or NANO system into a complete and reliable fire detection and extinguishing system.



μ-ETB ≤ 2Ω



μ-ETB/H ≥ 2Ω