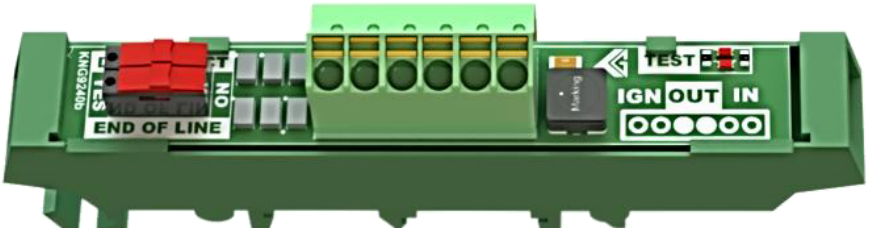
EXTINGUISHERS TERMINAL BOARD ETB

The NANO system

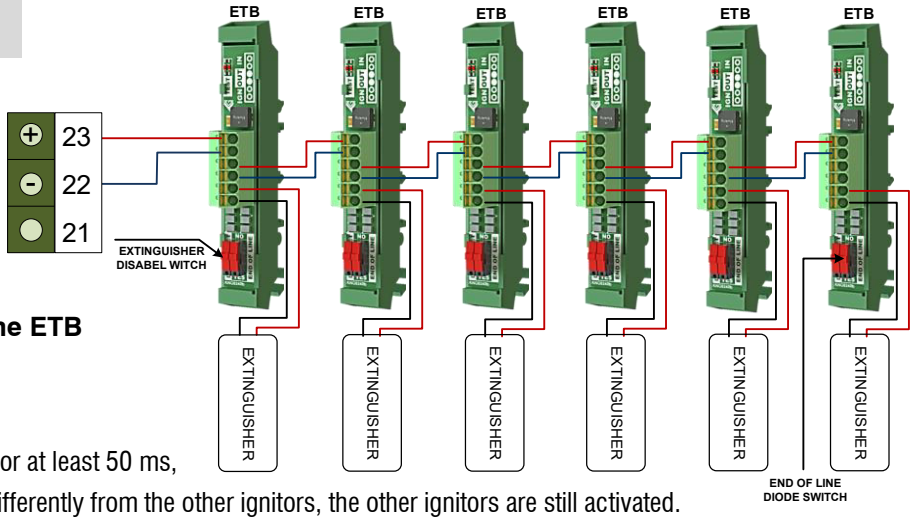
The NANO fire alarm and extinguishing control system is specifically developed for an aerosol extinguishing system in relation to our firefighting concept: 'Fire detection & suppression at the source'.

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



Working principle of the ETB

The ETB is specially developed for the NANO 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 NANO system into a complete and reliable fire detection and extinguishing system. The ETB generator terminal board unit is available in a built-in 35 mm DIN rail version.



The NANO system consists of the following:

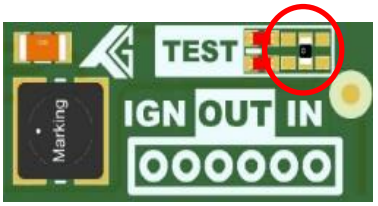
- NANO Fire & Extinguishing Panel
- ETB Extinguishers Terminal Board
- FTM Extinguishing system Test Module

The most important characteristics of the ETB

- easy connection through push connection
- a bridging protection ensures that the ignition current flows through ALL electrical activators for at least 50 ms,
- If one of the ignitors malfunctions or behaves differently from the other ignitors, the other ignitors are still activated.
- the 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 output for the purpose of testing the extinguishing output without activating the extinguishing generators.
- there is a red test LED that shows that an activation current is initiated during the installation test.
- the ETB is equipped with reverse polarity protection, thereby avoiding connection errors.
- the ETB is equipped with surge protection, which reduces the risk of activation of a fire generator near a lightning strike.
- Din rail technology 12,80 x 85,00 x 24,19 mm wide x length x height

ETB types:

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



ETB≤ 2Ω

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

ETB/H≥2Ω

Our products are constantly being improved, specifications can change without notice
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