

Would you like to put the AMFE product out to bid?

As a planner, or insurer, you can easily and simply incorporate the AMFE into your tender documents using the following text. This will make the AMFE the standard and help minimize risk and improve quality.

Short tender specifications:

Supply and professional installation of a self-contained, thermally triggered miniature extinguishing system for fire detection and suppression directly inside the enclosure (property protection/equipment protection) of control cabinets, distribution boxes or electrical equipment in sensitive areas.

Long tender specifications:

Self-contained compact fire-extinguishing system for detecting and suppressing incipient fires directly at the point of origin within a sealed enclosure. The system operates on a mechanical-thermal basis without an external power supply.

Performance and functional features

Activation mechanism: Thermal fire detection via a defined safety glass ampoule. Activation temperature adapted to the maximum operating environment (e.g. 57 °C / 68 °C / 79 °C / 93 °C).

Operating principle: The glass ampoule bursts when the rated activation temperature is reached, mechanically releasing the extinguishing agent valve and causing the defined protected volume to be flooded instantly via an integrated discharge nozzle. Alternatively, the glass ampoule can be triggered by an electrical signal from, for example, a smoke detector

Extinguishing agent: Residue-free, electrically non-conductive extinguishing agent (FK-5-1-12 or equivalent), ODP = 0, GWP $\leq$ 1.

Container design: Pressure-resistant metal cylinder with an integrated pressure gauge for visual pressure monitoring or a pressure sensor/pressure switch for continuous pressure drop monitoring.

Protected volume: Designed in accordance with DIN EN 15004 or VdS 2381 for the respective internal enclosure volume (e.g. up to 0.2 m³ / 0.5 m³ / 1.0 m³ per cylinder unit).

Mounting: Includes robust retaining clips/mounting kit for vibration-resistant fixing to control cabinet profiles or mounting plates.

Certificate: VdS approval for small fire extinguishing systems

Make/type (or equivalent): AMFE (Automatic Mini Fire Extinguisher) by JOB GmbH (Ahrensburg), Type: AMFE, S-AMFE or R-AMFE