

THERMAL FUSIBLE LINK

70°C, AUTO-RESET



| OVERVIEW |

The New Flamefast Auto-reset Thermal Fusible Link is to be installed directly above boiler plant and are designed to detect excessive heat, and when interfaced with a Flamefast BoilerGuard (or third party safety circuit) can be used to isolate the fuel supply to the plant.

With an activation point of 70°C, they will automatically reset once they drop below 55°C. This allows for functionality testing that is not available with traditional links.

Technical Specification

VFC Output	SPST - 5A @ 250V Max
Activation Temp	70°C (158°F) ± 3°C
Reset Temp	55°C (131°F) ± 4°C
Mounting Height	0.3 to 1.0m above plant
Connection	M20 Female Thread
Approval	CE, UKCA

Part Numbers & Options/Accessories

Part No	Description
TFL	Auto-reset Thermal Fusible Link (70°C)

Technical Specification

Contact Configuration	SPST (Normally Closed)
Contact Rating	5A @ 250V Max
Activation Temp	70°C (158°F) ± 3°C
Reset Temp	55°C (131°F) ± 4°C
Max Operating Temp	130°C (266°F)
Switch Durability	30,000+ Cycles
Mounting Connection	M20 Female Thread

Installation Requirements

The TFL should ideally be mounted 0.3 to 1.0m directly above each item of plant with the vented cover facing downwards.

With an M20 female threaded connection, it is designed to be screwed directly onto the end of 20mm threaded conduit.

IMPORTANT:

- Isolate the supply to the unit before removing the cover.
- DO NOT block or cover the ventilation holes in the cover.

Functionality Testing & Maintenance

The TFL should be tested following installation, then again annually to confirm that the unit is operating correctly.

This can be done using a heat gun, however:

- The maximum operating temperature of 130°C should not be exceeded.
- This may require the heat gun to be held at a distance from the cover plate.
- The temperature rating of the cable connected should also be considered.
- The temperature ratings are based on a rise/fall of 1°C per minute, and consideration must be made to the heat held in the housing and containment.

