

# HOME APPLIANCES & FIRES

## ARE NEVER A GOOD COMBINATION!

### E-Bulb made by JOB is the economical and reliable solution against fires in home appliances caused by electric faults

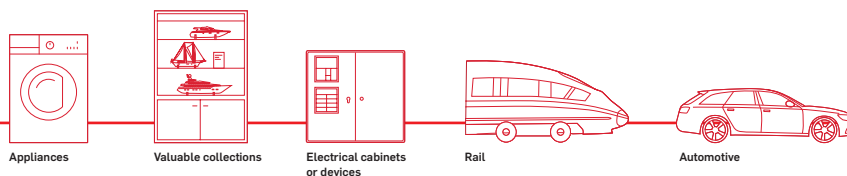
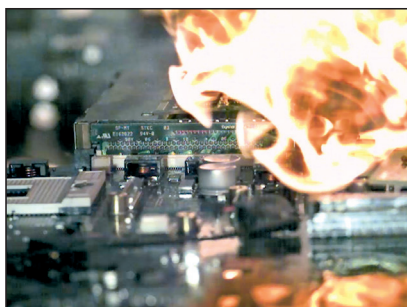
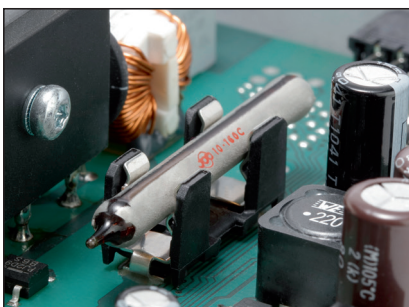
Fires caused by home appliances are no rarity. The majority of such fires are caused by faults in the electric system of devices. An ever increasing number of electronic devices at home also increase the risk of fires. In combination with late or no fire detection by consumers' often ill equipped homes, financial damages, and even loss of lives are common.

For appliance manufactures, the financial and reputation damages by a product recall can be devastating.

**JOB's E-Bulb** is a component based on the functional principles of the billion-fold used and approved sprinkler bulb. In standard conditions, E-Bulb carries currents of up to 16A and does not affect the electrical functionality of a device. In case of a starting fire,

E-Bulb reacts reliably and without the need for power by bursting at a defined temperature. The JOB E-Bulb is filled with **3M™ NOVEC™** which is released when the bulb bursts, extinguishing the fire directly on the PCB based upon the well-known and proven functionality of **NOVEC™**. At the same time, by the E-Bulb bursting and destroying the conductivity, the energy supply is permanently interrupted, preventing a fire from re-igniting.

While E-Bulb cannot prevent electric faults – it can extinguish starting fires and prevent loss of property values and lives!



For further information about this and our other innovative fire protection solutions, please contact JOB by email at [sales@job-bulbs.com](mailto:sales@job-bulbs.com) or via our website at [www.job-group.de](http://www.job-group.de).

## THE JOB GROUP : JOB THERMO BULBS – WORLDWIDE

### Safety, engineered and Made in Germany

Job Thermobulbs GmbH, part of the JOB Group founded 1971 by Eduard Job, is the global market leader for providing certified solutions for detecting and fighting fires at an early stage. Due to high product quality and reliability, JOB's Thermo-Bulbs have become the de-facto standard in the global fire sprinkler industry. All leading international manufacturers of sprinkler systems have installed more than a billion of the thermally activated glass bulbs to protect lives and values from the dangers of fires.

JOB is part of all leading norming and standardization organizations, supporting their work to continuously work on defining, implementing and enforcing standards which protect people and values from the dangers of fire – anywhere and anytime.



### A huge product portfolio for the giant task of Fire Safety

Beside its well-known sprinkler bulbs, JOB offers an extensive product portfolio regarding fire safety and extinguishing.

These approved quality products can be found around the world, e.g. in the automotive industry, in marine, rail and infrastructure applications as well as in electrical devices and

when protecting priceless exhibits. JOB products reliably protect values and lives – may it be in domestic sprinklers or at the famous St Marcus Basilica, may it be your home appliances or on board of trains and ships that cruise the world.

