

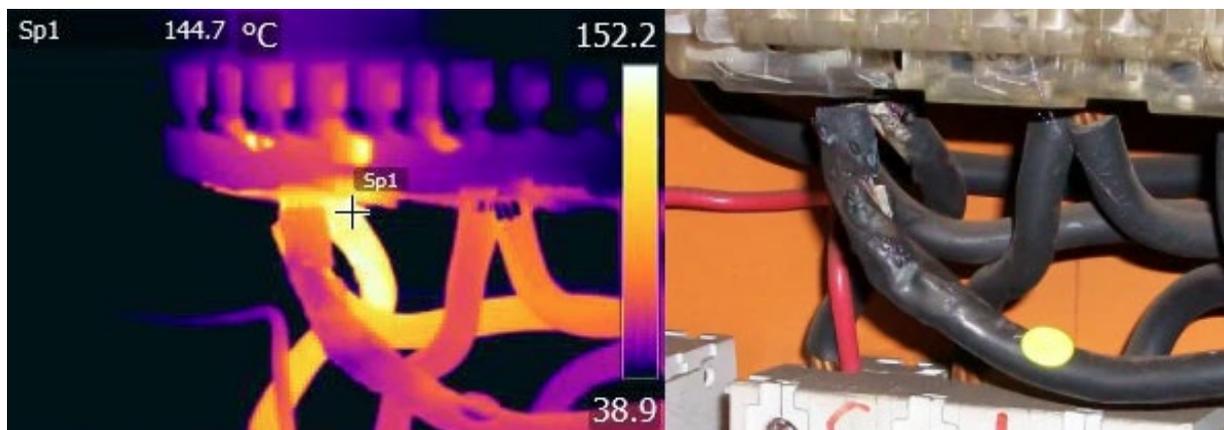
Thermographic Surveys

Electrical equipment is a significant cause of accidental fires, the main causes include:

- Overheating cables and equipment caused by loose connections or overloading.
- Incorrect installation and use of equipment.
- Damage or poor insulation on cables.
- Arcing or sparking from electrical equipment.

Thermographic surveys are used to determine the temperature of electrical components and can be used as part of the routine maintenance and testing of systems. During this type of testing it would be normal practice to remove covers and enclosures to expose live electrical components therefore any work undertaken of this nature would need to be carried out by an Approved Contractor working to current regulations. If any unusually high temperatures are detected using a thermal imaging camera, it would indicate an imminent risk to any electrical distribution system and therefore pose an increased risk to the premises.

In the first instance the Responsible Person should contact their Fire Risk Assessor if they have any concerns regarding the testing and inspection of their electrical installations.



Historic England – [Thermal imaging](#)