

## **Controller does not switch the heater on - what to check**

### **First check the operating state**

No heating does not always mean that the output is faulty. Make sure the controller is running in a mode in which heating should be active, that the set temperature is higher than the current temperature, and that no alarm or safety condition is blocking operation.

### **Check the load**

If possible, test the heater from a known safe power source or measure its resistance after disconnecting it from the mains. A damaged heater, broken cable, burnt plug, fuse or loose contact can look like a controller failure.

### **Do not bypass the controller**

Do not connect a heater “for testing” in parallel so that part of the system remains permanently energised during normal operation. If the controller is to regulate the process, all heating power intended for regulation must pass through the correct controlled path and remain within the permitted load.