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ELSTEIN

IRE- 090.33E



## SSH SWITCHBOARD HEATER

Elstein SSH switchboard heaters are ceramic infrared radiators in round design with surface ratings of up to 18 kW/m<sup>2</sup>.  
The typical operating temperature is 200 °C up to 280 °C.

The SSH infrared radiators are used for switchboards in order to avoid the formation of condensation water.

SSH switchboard heaters are delivered with a fixing clip, which allows an easy mounting of the SSH radiator onto 35-mm standard rails. Such standard rails have been mounted already in many switchboards.

The low overall height enables space-saving installation so that the radiator can be mounted in small switchboards and in switchboards being densely equipped.  
Elstein SSH switchboard heaters are available with a power of 60 W and 100 W.



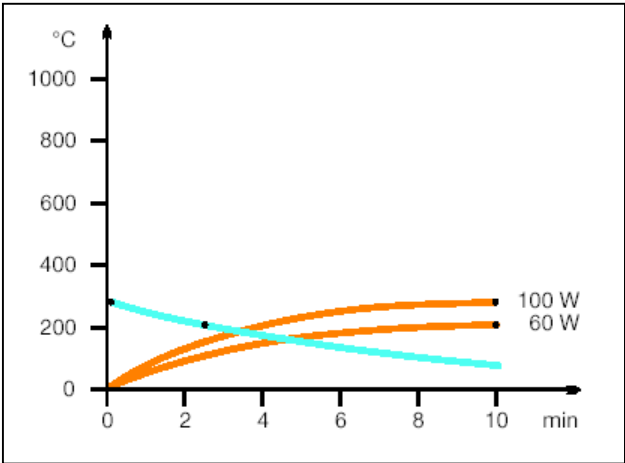
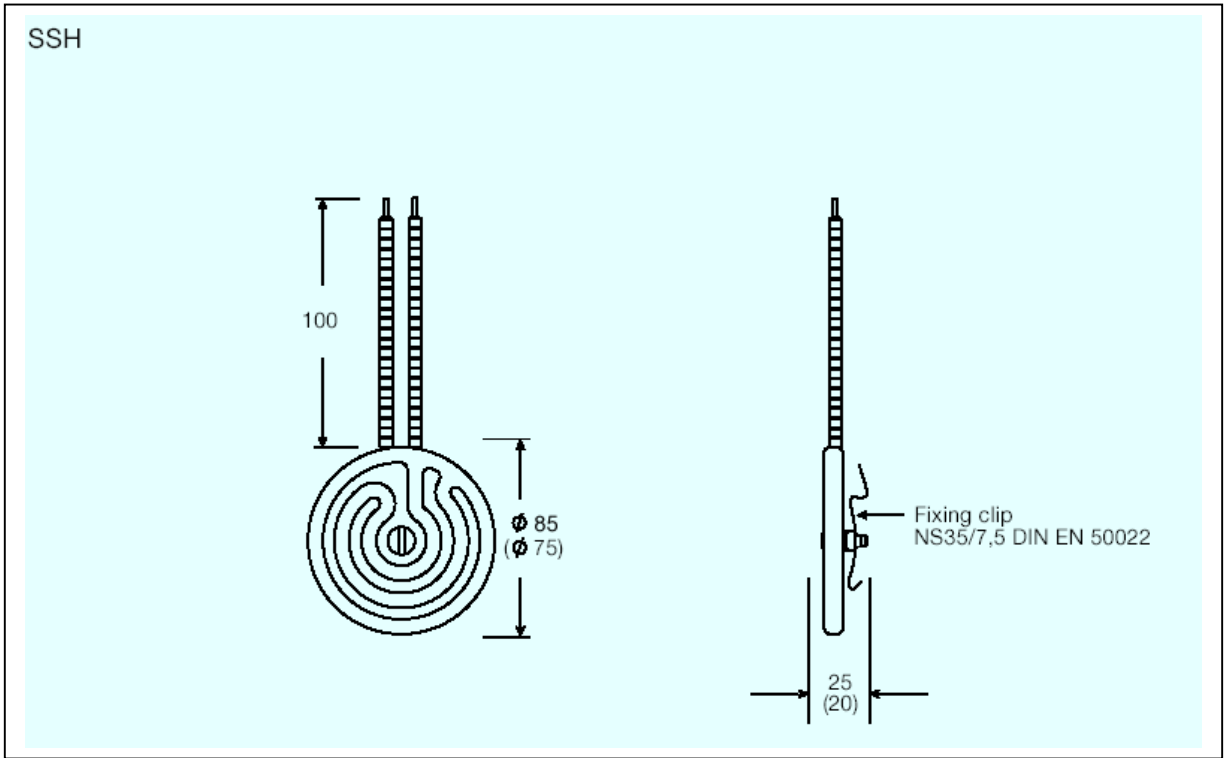
| Type, weight, wattage           | 230 v | SSH 75 g | 60     | 100  | W                 |
|---------------------------------|-------|----------|--------|------|-------------------|
| Surface rating                  |       |          | 10,6   | 17,6 | KW/m <sup>2</sup> |
| Typical operating temperature   |       |          | 200    | 280  | ° C               |
| Maximum permissible temperature |       |          | 700    | 700  | ° C               |
| Wavelength range                |       |          | 2 - 10 |      | µm                |

| Standard design  | Thermocouple radiators  | Variants  |
|--|---|---|
| Operating voltage 230 V<br>Ceramic full-pour casting<br>White glaze<br>Leads 100 mm<br>Fixing clip<br>Screw M4 x 16<br>2x toothed disc A 4,3<br>Nut M4 | Designation T-SSH<br>Integrated thermocouple<br>Type K (NiCr-Ni)<br>TC leads 100 mm | Special wattages<br>Special voltages<br>Extended leads<br>Leads with ring terminals |

The power can be controlled using thermocouple radiators together with TRD 1 temperature controllers, TSE thyristor switching units and other accessories.

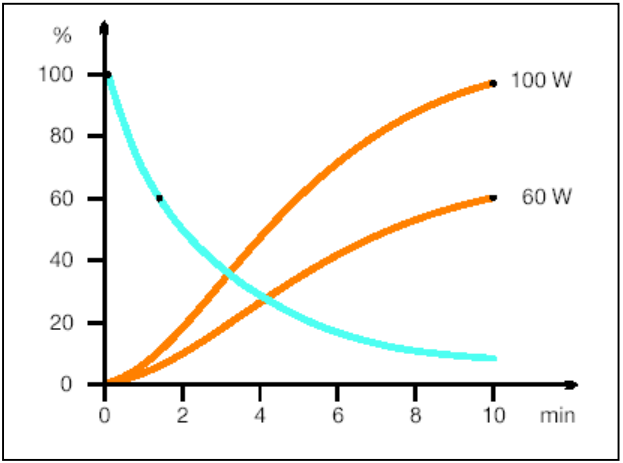
The national safety regulations must be complied with for the respective application, for example, the IEC or EN standard 60519-1, Safety in electrical heating installations.  
Our instructions for mounting, operation and safety must be observed.

SSH MOUNTING DIMENSIONS AND RADIATOR DIMENSIONS ( ) IN MM



**Radiator temperatures**

Heating-up: red curves  
Cooling-down: blue curve



**Radiant powers**

Heating-up: red curves  
Cooling-down: blue curve