

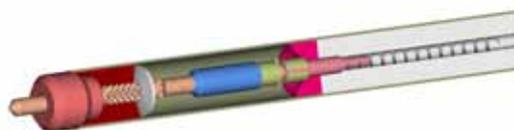
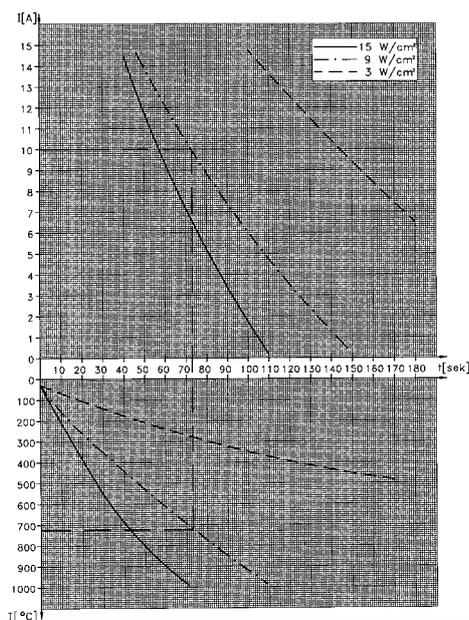
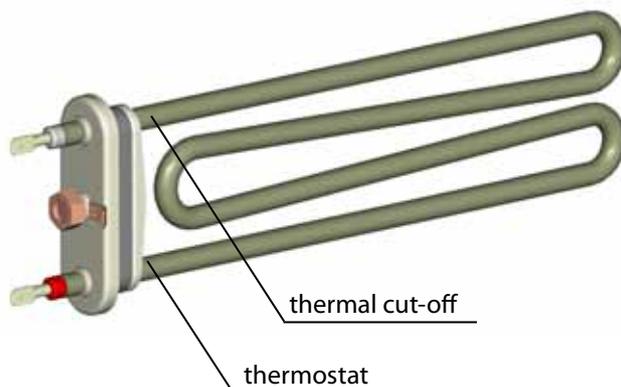
>> Description

The tubular heating elements with diam 8.5 mm can be equipped with a thermostat and a resettable thermal cut-off, mounted at the end of electrical tubular heating element. Heating elements with mounted thermal cut-off and/or thermostat are approved by SEMKO, VDE och UL and are particularly suitable at liquid heating.

To determine the breaking temperature of the resettable cut-off it is advisable to measure the temperature under normal conditions and in intended application. The breaking temperature is recommended to be at least 25-30°C above the maximum temperature of the thermal cut-off at normal operation.

>> Technical specification

	Thermostat	Thermal cut-off
Type of designation	BTS 085 060 (10) 130	BTC 085 060 (10) 130
Cutting temperature	60 (10)-130°C	60 (10)-130°C
Tolerance	± 5°K	± 10°K
Operation	± 1°K	± 1°K
Max tension	250 V	250 V
Max current	10 A	12 A
Contact resistance	< 20 mΩ	< 20 mΩ
Surrounding temperature	T 180°C	T 180°C
Certificate	Semko Certifikate No. 945010701	Semko Certifikate No. 982103601
Safety	EN 60730-2-9:1995	EN 60730-2-9:1995
Connection	Standard tab terminals or cables spot welded to the terminal pin	



>> Benefits

- Compact design
- No extra cable connection is required
- Premounted inside the element
- Reliable function, power is cut close to the heating source
- Low total cost for the function

>> Fields of application

- Dish washers
- Laundry machines
- Photographic processors
- Boilers
- Coffee machines
- Air heating with forced air flow