

# N-COMFORT TD

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### Contact

Heating cables  
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Country ref.: 5400107

GTIN: 7045210123203

Digital thermostat for temperature control in rooms with electric underfloor heating.

## DESCRIPTION

N-COMFORT TD is an advanced, yet user friendly 7-day programmable thermostat, for use with Nexans heating cables and heating cable mats. Its programming options, with the additional Open Window Detection functionality, even makes it compliant with the requirements described in the ECO Design Regulation.

It can be configured to control the room temperature by using the built-in temperature sensor, or to control the floor temperature through the external sensor. The external (floor) sensor can also be used to limit the temperature in the floor, whilst the room temperature is controlled by the internal sensor (dual sensor mode). As the thermostat can be configured to use both NTC10K and NTC100K floor sensors, it could also be suitable for the replacement of faulty or broken thermostats from other manufactures, without the necessity of replacing the sensor cable.

**The thermostat is delivered with Elko Plus Polar White and Schneider Exxact White compatible housings**

## TECHNICAL SPECIFICATIONS

- Power source.....230VAC 50/60HZ
- Relay contact.....250VAC 16A
- Room temperature setting range .....5°C – 35°C
- Floor temperature setting range .....5°C – 50°C
- Ambient temperature-operation .....0°C – 50°C
- Ambient temperature-transport.....-10°C – 60°C
- Accuracy.....±0.5°C
- Dimensions.....86mm X 86mm X16 (40)mm

## FEATURES

- Large LCD display
- Two pole isolated power switch
- Program memory maintained during power loss (up to one week)
- Optional economic operation or comfort operation
- Room temperature control, floor temperature control or room temperature control with floor temperature limitation
- Weekly programming: 7 individual days or 5+1+1 days (weekdays + Saturday + Sunday)
- Daily programming: 6 or 4 separate time/temperature periods per day
- Open Window Detection
- Displayed temperature calibration possibility

The thermostat is maintenance free.



## STANDARDS

**International** EN 60730-1;  
EN 60730-2-9