

# DATASHEET

## Thermal Protector STM

### Type series PTC thermistors

Thermik\* thermistors are used for temperature monitoring. They are optimally designed for direct installation in the windings of electric motors and transformers. Likewise, Thermik thermistors, in their respective housings, prevent overheating of devices (electronic assemblies, heat sinks, etc.). Please ask for more information.

Thermik is one of the few suppliers who can draw on their own experience in the manufacture of PTC ceramics. Indeed, because the underlying technology is of fundamental importance in the process, our thermistors are qualitatively different from conventional products even in this respect.

#### Customised designs

Design K - customised – variations/additions possible upon request:

- Colour coding
- Cable insulation material or cable cross-section
- Cable-end assembly
- Connection technology
- Components used with UL-cable
- Dielectric strength of the insulation (e.g. suitable for installation in Class II applications)

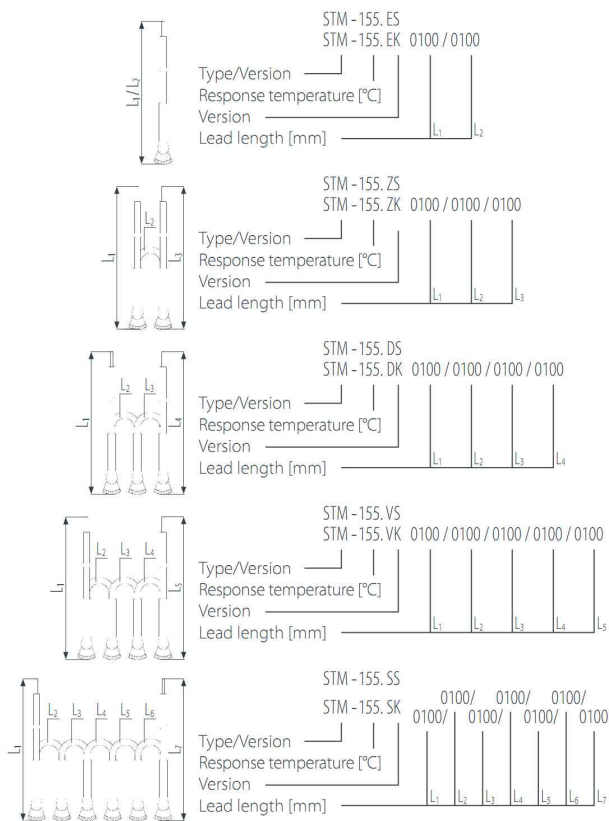
#### Advantages

- Small dimensions + mechanical stability
- Fast response
- Temperature-resistance characteristics tailored to the application in question

#### Colour-coding dependent on temperature according to DIN 44081 / DIN 44082

60	70	80	90	100	105	110
white	white	white	green	red	blue	brown
grey	brown	white	green	red	grey	brown
115	120	125	130	135	140	145
blue	grey	red	blue	red	white	white
green	grey	green	blue	brown	blue	black
150	155	160	165	170	180	190
black	blue	blue	blue	white	white	black
black	black	red	brown	green	red	brown

#### Ordering instructions:



Version: ES: E-Single, S-Standard (520mm wire length)  
EK: E-single, K-custom, Z-dual, D-triple, V-quad, S-sixfold



