PTC elements offer many advantages such as quick and uniform heating of the element and no power variation despite the presence of air flow. They have a self-regulating function and a long life-time. There is no risk of overheating. PTC technology is also used in tubular and flexible elements.

>> **Material**
PTC termistors and aluminium strips, joined with soldering and gluing.
Possibly frame of heat resistant plastic

>> **Fields of application**
Air heaters
Drying appliances
Compartment heaters
Warming plates
Glue guns
Tool heating
Heating systems for vehicles
Dehumidifiers
Tumble Driers

>> **Assembly**
Assembly in a frame of heat resistant plastic
In-building in the actual application
Casting in heat resistant plastic
Customer specific aluminium profiles

>> **Connection**
Voltagess: 110-400 VAC, 12-36 VDC

>> **Types**
Heating elements
Immersion heaters
Heating chips
As accessory to heating elements
As accessory to flexible elements

>> **Others**
Switching temperature: Curie point min 50°C, max 260 °C