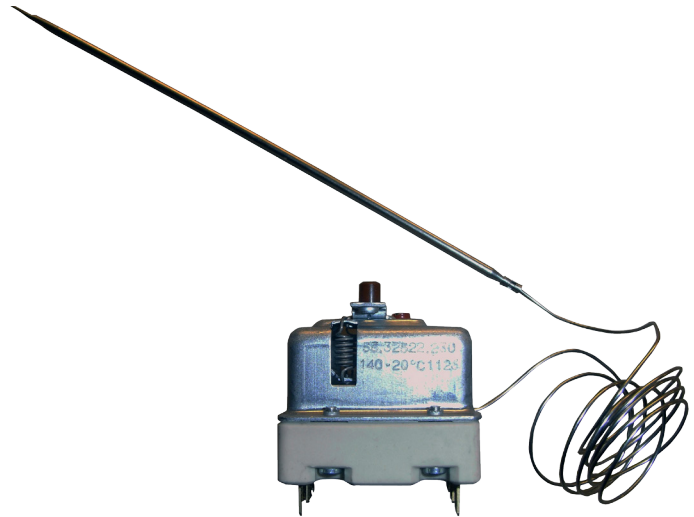


Temperature Limiter Type 31913



Description

Thermal cut-out fixed at 140°C -20K OFF.

Contacts switch off after achieving the adjusted temperature and will be blocked.

After sufficient cooling of the sensor thermal cut out can be reset by pressing the reset button.

Furthermore the contacts open and lock if the hydraulic sensor system becomes leaky or if the temperature of the complete thermal cut out drops below 0°C. For the last case rise sensor temp. to 20°C and press the reset button.

Notes:

Standard atmosphere DIN EN 60068-1 (23±2)°C.

Temperatures are OFF values.

Min. sensor temperature: -10°C (DC)

Max. sensor temperature: 370°C (for security reasons)

Max. housing temperature (VDE); 125°C

Min. bending radius of capillary tube: 5mm

For application with normal pollution level (Type 2B)

Correction factor: c 0 0,37 (K/K) based on ambient temperature.

Technical Data

Max switching capacity: Resistive load
NC: 30A - 400V
Inductive load
NC: 5A, 400V~
= 0,5A 40V~ (other values on request)

Min switching capacity:

Max switching capacity

for contacts with

gold plating:

Max T ambient housing:

Switching cycles,
mechanical:

= 0,5A 12V~

125°C

500

Remarks:

NC = normally closed

Opening contact

11-12, 21-22, 31-32

