



SAB - Trafo, s.r.o.



PROTECTION, PROTECTING AND LIMITING ELEMENTS

Primary or secondary winding of transformers can be protected by protective elements of customer's choice – for example:

Thermal switch (reversible):

- the circuit opens in case of fault
- various terminal designs
- standardized temperature range 90°C – 130°C

Thermal cut-off (irreversible):

- the circuit opens in case of fault (irreversible)
- standardized temperature range 90°C – 169°C

Temperature sensor:

- built in the transformer to monitor its operating temperature

Surge current limiter:

- higher power transformers can be supplied with switching surge current limiter

Design

Compared to classical transformers, the toroidal cores are characterized by considerably smaller built-in dimensions and lower weight (which is important for example in aeronautical industry), high efficiency, and negligible leakage of magnetic flux. Variable dimensions according to customer's requirements represent a significant benefit.

High variability of dimensions and qualities offers numerous options for designing transformers with regard to their final usage.

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