

**Single-phase safety isolating transformers**  
acc. to VDE0570-2-6 (EN61558/IEC61558)



Type code:  
- **EGT: Single-phase safety isolating transformer / encapsulated / EI-core**

- Generally:
- Separated windings (isolating transformer for supply of SELV (safety extra-low voltage)- or PELV (protective extra low voltage) - circuits)
  - Degree of protection IP65
  - Class of protection II
  - Dimensioning for pollution severity P2
  - maximum ambient temperature 40°C / Insulation class B
  - Frequency 50 to 60 Hz
  - Vacuum-encapsulated
  - Protection - primary fusible links (short circuits protection)
  - primary installed thermostatic switch (overload protection)
  - Dimensioned for continuous operation (ED = 100 %)
  - Connections on terminals

- Standards and basics:
- VDE0570-1 (EN61558-1 / IEC61558-1) - follow-up standard for VDE0550-1 „Safety of transformers, power packs and the like“
  - VDE0570-2-6 (EN61558-2-6 / IEC61558-2-6) - follow-up standard for VDE0551 (EN60742 / IEC742) „Particular requirements for safety isolating transformers for general use“
  - General technical conditions and information

Variants of voltage	
Primary: - 230 V or - 240 V or - 230 / 245 V or - 230 V 1/2/3 (two additional connections to control the secondary voltage in the steps 11/12/13 V or 12/13/14 V)	Secondary: 12 V Remark: The current per secondary circuits must not be higher than max. 25A. With higher currents the outputs are divided correspondingly (see table "Dimensions and weights for the types EGT)

- EGT

