

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



Type code:
LTD: Single-phase safety isolating transformer (transformer for halogen lamps-dimmable)/EI-core / encapsulated

- Generally:
- Separated windings (isolating transformer for supply of SELV (safety extra-low voltage)- or PELV (protective extra low voltage) - circuits)
 - Degree of protection II
 - Dimensioning for pollution severity P2
 - maximum ambient temperature 40°C / Insulation class B
 - Frequency 50 to 60 Hz
 - Vacuum-encapsulated
 - Protection:
 - 0,02 kVA to 0,06 kVA: - primary installed thermostatic switch as short circuit and overload protection
 - 0,105 kVA to 0,5 kVA: - primary fusible link (short circuit protection)
 - primary installed thermostatic switch (overload protection)
 - Dimensioned for continuous operation (ED = 100 %)
 - dimmable with commercial dimmers for inductive loads

- 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, variants of connections and degree of protection			
Primary: 230 V			Secondary: 11,5 oder 23 V
Variant of connection	Choice at 230 V	Degree of protection	For the secondary side following variants of connections can be chosen: - terminals - Single strands (litz wire) - lines Remark: The current per secondary circuit must not be higher than max. 25A. With higher currents the outputs are divided correspondingly.
Supply connection with Euro flat plug	X	IP40	
Connecting lead H05VV..	X	IP40	
Connecting lead H05VV.. (use only in closed rooms)	X	IP65	
Connecting lead H05RN..	X	IP65	
Terminals			