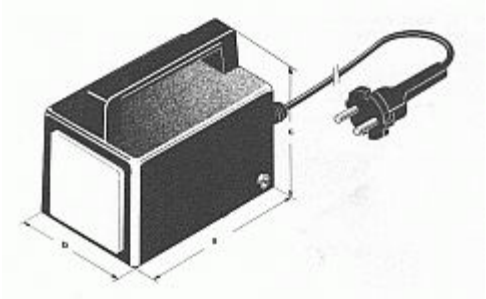
Type code:
- ETS: Single-phase safety isolating transformer / encapsulated / EI-core / portable

Generally:
- Separated windings (model of insulation depending on the model of secondary voltage)
- Degree of protection IP54
- Class of protection II
- Dimensioning for pollution severity P2
- maximum ambient temperature 40°C / Insulation class B
- Frequency 50 to 60 Hz
- Vacuum-encapsulated
- Protections - primary fusible links (short circuit protection)
- primary installed thermostatic switch (overload protection)
- Dimensioned for continuous operation (ED = 100 %)
- Variants of connection: - primary via connecting lead with main plug
- secondary eligible via CEE- or HNA- or two-pole-and-earth socket outlet

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“
- VDE0570-2-4 (EN61558-2-4 / IEC61558-2-4) - follow-up standard for VDE0551 (EN60742 /IEC742)
„Particular requirements for isolating transformers for general use“
- general technical conditions and information

Variants of voltage, applied standards and pictoral markings			
Variants of voltage		applied standards	pictoral markings
Primary:	Secondary:		
230 V	12 V	VDE0570-2-6	
	oder 24 V	VDE0570-2-6	
	oder 42 V	VDE0570-2-6	
	oder 230 V	VDE0570-2-4	

- ETS



Dimensions and weights for the types ETS					
Nominal power in kVA = Type designation	a in mm	b in mm	c in mm	Cu-weight in kg	total weight in kg

0,05	125	95	80	0,3	3,0
0,1	125	95	80	0,45	3,2
0,16	135	105	80	1,5	4,2
0,25	155	130	100	2,2	6,0
0,32	165	135	130	3,6	10,5
0,4	165	135	130	4,0	10,0
0,5	165	135	130	4,3	11,0
0,63	185	160	130	4,8	12,5
0,8	305	145	180	4,9	18,0
1,0	305	145	180	5,0	21,0
1,5	320	155	210	8,0	26,5
2,0	360	155	230	10,0	33,0
2,5	380	185	230	12,0	38,0

Options:
- other variants of voltage
- several outgoing circuits