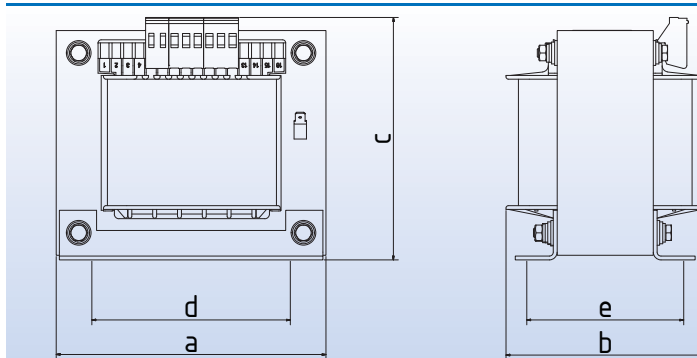




Single-phase autotransformers according to VDE 0570 part 2-13, EN 61558-2-13



Single-phase autotransformers for single-phase fan motors

General information:

The transformers in the RLTS series are single-phase autotransformers with 7 steps and are specially designed for air conditioning and ventilation. They are designed as Autotransformers according to VDE 0570

Design:

Open frame, stationary, for device installation and assembly in dry rooms, windings. Connection to leakage current-resistant transformer terminals with screw and tab connectors 2.8x0.8mm to 5A, 6.3x0.8mm to 20A. The 2.8x0.8mm tab connector must only be loaded to 5A in accordance with DIN 46249 and 6.3x0.8mm to 20A. The 0V and 230V connections are each provided only once on terminal. The terminals are protected against back of hand and finger contact according to accident prevention regulations (BGV A3).

PE connection as 6.3x0.8mm tab connector.

IP 00, insulation class E, max. ambient temperature T_a of 40°C (t_a 40°C/E).

Voltage range: Input voltage: AC 230 V
Output voltages: AC 80/100/125/150/175/190/230 V

Special version: The RLTS series can also be supplied in an IP 23 enclosure with the following option.
Tap changer, operation signal lamps, enclosure etc. (prices upon request).

Other designs upon request (voltages, currents, connections, mounting etc.)

Type	Current A	Item no:	Copper kg	Total kg	Dimensions approx. in mm					Mounting
					a	b	c	d	e	
RLTS80	1,45	0096-00000080	0,28	1,47	78	74	89	56	54	M4
RLTS115	2,10	0096-00000115	0,35	2,00	85	82	93	64	61	M4
RLTS220	4,00	0096-00000220	0,63	3,50	105	89	110	84	69	M5
RLTS410	7,50	0096-00000410	1,10	5,50	120	100	121	90	82	M5
RLTS600	11,00	0096-00000600	1,80	8,00	150	107	145	122	84	M6
RLTS710	13,00	0096-00000710	2,60	10,00	150	125	145	122	101	M6
RLTS900	16,50	0096-00000900	2,80	13,50	150	150	145	122	127	M6
RLTS1090	20,00	0096-00001090	2,90	13,10	174	128	156	135	96	M6
RLTS1310	24,00	0096-00001310	3,50	17,50	174	148	156	135	116	M6
RLTS1745	32,00	0096-00001745	4,00	21,10	174	168	156	135	136	M6