

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



Single-phase autotransformers with open delta connection for 3-phase AC fan motors (one set composed of 2 individual transformers)

General information:

The transformers in the RDLTS series are single-phase autotransformers with 5 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 400V 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 40°C (ta40°C/E).

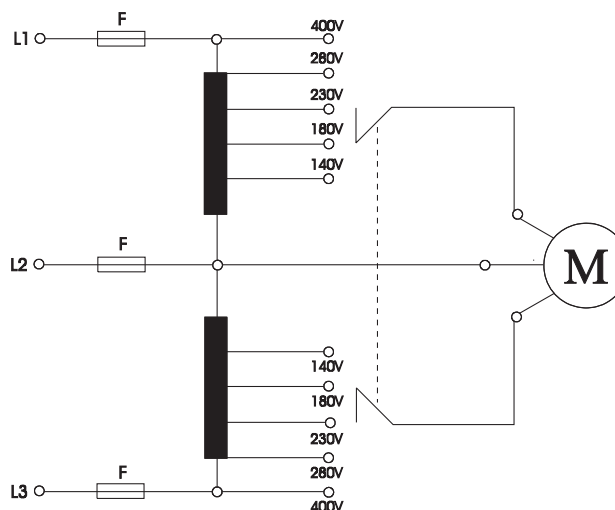
Voltage range:

Input voltage: AC 400V 3~

Output voltages: AC 140/180/230/280/400V

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

Open delta connection:



Type	Current A	Item no.	Copper kg	Total kg	Dimensions approx. in mm					Mounting
a	b	c	d	e						
RDLTS 95	1	0097-00000095	0,6	4,0	78	74	89	56	54	M4
RDLTS 190	2	0097-00000190	1,4	6,8	105	81	110	84	62	M4
RDLTS 285	3	0097-00000285	1,8	7,8	105	89	110	84	69	M4
RDLTS 380	4	0097-00000380	2,2	13,0	120	88	121	90	70	M5
RDLTS 475	5	0097-00000475	4,0	14,6	120	100	121	90	82	M5
RDLTS 660	7	0097-00000660	7,1	17,1	150	107	145	122	84	M6
RDLTS 950	10	0097-00000950	10,9	20,2	150	150	145	122	127	M6
RDLTS 1330	14	0097-00001330	12,4	28,4	174	138	157	135	106	M6
RDLTS 1800	19	0097-00001800	18,0	40,1	174	169	157	135	136	M6
RDLTS 2465	26	0097-00002465	23,0	44,0	195	175	178	150	110	M8
RDLTS 3410	36	0097-00003410	27,0	55,0	195	182	178	150	150	M8