



Single-phase core transformers according to VDE 0570 part 2-1, EN 61558-2-1,



Available in accordance with VDE 0532 upon request

General information:

The delta core packages in our single-phase core transformers of higher power are composed of alternating grain-oriented low-loss strip sections. The windings are vacuum-impregnated with the core and then fired for several hours in the drying kiln.

The electrical design of the transformers ensures the highest efficiency and a much lower extent of transformer heating than permitted according to VDE. The solid planning guarantees the nearly unlimited life of our transformers even if overload occurs.

Design:

Open frame, upright design, stationary, for device installation and assembly in dry rooms, separate windings, connections via robust terminal blocks (to 360A), bus bars or cable lugs (non-dimensioned). IP 00, insulation class F, max. ambient temperature 40°C (ta40°C/F).

Because every higher-power transformer is planned individually, the dimensions and weights given below only represent the currently valid status.

Subject to change without notice.

All types are also available as single-phase autotransformers (for calculation please see 'Transformers with autotransformer windings' in the section containing general information).

* Depending on the design and winding type for special currents all dimensions, particularly the dimension b, can be enlarged by up to 100mm! Hole pattern upon request! This can vary in terms of the thickness dimension due to production conditions.

Type	Power kVA	Item no:	Copper kg	Total kg	Dimensions approx. in mm			
					a	b*	c	c1 from 63A
REST 20	20	0058-00000020	Upon request	140	360	240	420	c+100
REST 25	25	0058-00000025	Upon request	170	360	260	420	c+100
REST 30	30	0058-00000030	Upon request	200	360	265	420	c+100
REST 40	40	0058-00000040	Upon request	250	360	265	460	c+100
REST 50	50	0058-00000050	Upon request	300	400	260	570	c+150
REST 63	63	0058-00000063	Upon request	340	400	290	570	c+150
REST 80	80	0058-00000080	Upon request	380	400	300	570	c+150
REST 100	100	0058-00000100	Upon request	440	440	320	620	c+150
REST 120	120	0058-00000120	Upon request	480	520	360	660	c+150
REST 160	160	0058-00000160	Upon request	620	520	400	660	c+150
REST 200	200	0058-00000200	Upon request	650	650	360	900	c+150
REST 250	250	0058-00000250	Upon request	860	650	420	900	c+150
REST 315	315	0058-00000315	Upon request	1040	650	470	900	c+150
REST 400	400	0058-00000400	Upon request	1150	650	500	900	c+150
REST 500	500	0058-00000500	Upon request	1350	650	550	900	c+150