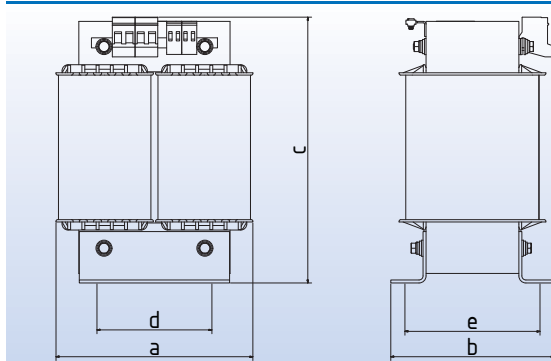
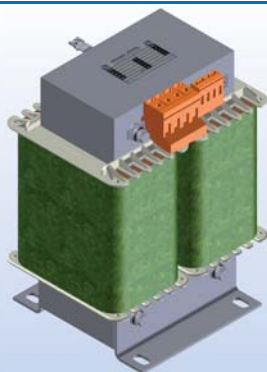




Single-phase control transformers according to VDE 0570 part 2-2, EN 61558-2-2

Single-phase isolation transformers according to VDE 0570 part 2-4, EN 61558-2-4



Fig. Upright design with transformer terminals

Only available with the given voltages; for other voltages please see identical design type RUE

Design:

Open frame, stationary, for device installation and assembly in dry rooms, separate windings. The secondary bridge can be connected with 6.3x0.8mm tab connector to 20A. The transformer terminals are protected against back of hand and finger contact according to accident prevention regulations (BGV A3). From 6.3kVA with terminal blocks on top bracket.

IP 00, insulation class E, max. ambient temperature 40°C (ta40°C/E).

Fuse recommendation:

The fuse recommendations stated below apply to the secondary side of the transformer and fuse inserts according to IEC 127 / EN 60127 (At) or IEC 60269 (AgL). For this and for primary fusing please refer to the 'Fuse' section in the 'General information' part of the catalogue.

Type	I 1 max. in A 230V	I 1 max. in A 400V	I 1 max. in A 500V
RSTS 1200	5,72	3,30	2,65
RSTS 1500	7,00	4,00	3,30
RSTS 1800	8,18	4,94	3,95
RSTS 2000	9,50	5,50	4,35
RSTS 2200	10,30	5,98	4,78
RSTS 2500	11,70	6,70	5,43
RSTS 3000	14,00	7,90	6,49
RSTS 4200	19,70	11,40	9,12
RSTS 5000	23,70	13,70	10,90
RSTS 6300	30,00	17,50	13,80
RSTS 8000	38,20	22,10	17,60

Type	I 2 in A 230V	Fuse A 230V	I 2 in A 115V	Fuse A 115V
RSTS 1200	5,21	4 At	10,40	8 At
RSTS 1500	6,54	5 At	13,00	10 AgL
RSTS 1800	7,82	6.3 At	15,60	16 AgL
RSTS 2000	8,70	8 At	17,40	16 AgL
RSTS 2200	9,56	8 At	19,10	16 AgL
RSTS 2500	10,80	8 At	21,70	20 AgL
RSTS 3000	13,00	10 AgL	26,00	20 AgL
RSTS 4200	18,20	16 AgL	36,50	35 AgL
RSTS 5000	21,70	20 AgL	43,40	50 AgL
RSTS 6300	27,30	25 AgL	54,70	50 AgL
RSTS 8000	34,70	35 AgL	69,50	63 AgL

Type	Power VA	KB cos φ 0.5 VA	Efficiency η < %	500//230 V Item no:	400//230 V Item no:	230//230 V Item no:
RSTS 1200	1200	3340	94,1	0021-00001200	0022-00001200	0023-00001200
RSTS 1500	1500	4640	95,0	0021-00001500	0022-00001500	0023-00001500
RSTS 1800	1800	6000	95,5	0021-00001800	0022-00001800	0023-00001800
RSTS 2000	2000	6450	95,5	0021-00002000	0022-00002000	0023-00002000
RSTS 2200	2200	7000	95,6	0021-00002200	0022-00002200	0023-00002200
RSTS 2500	2500	9075	95,8	0021-00002500	0022-00002500	0023-00002500
RSTS 3000	3000	10720	95,8	0021-00003000	0022-00003000	0023-00003000
RSTS 4200	4200	16720	96,4	0021-00004200	0022-00004200	0023-00004200
RSTS 5000	5000	20330	96,8	0021-00005000	0022-00005000	0023-00005000
RSTS 6300	6300	23450	97,0	0021-00006300	0022-00006300	0023-00006300
RSTS 8000	8000	25390	97,2	0021-00008000	0022-00008000	0023-00008000

Type	Size	Copper kg	Total kg	Dimensions approx. in mm					Mounting
				a	b	c	d	e	
RSTS 1200	UI 120/51	4,4	13,6	158	105	213	100	79	M6
RSTS 1500	UI 120/61	4,5	15,0	158	122	213	100	89	M6
RSTS 1800	UI 120/75	5,5	17,0	158	135	213	100	103	M6
RSTS 2000	UI 132/72	5,9	20,0	172	132	231	112	102	M8
RSTS 2200	UI 150/52	6,6	21,0	195	122	257	124	94	M10
RSTS 2500	UI 150/65	7,2	24,8	195	135	264	124	107	M10
RSTS 3000	UI 150/77	7,6	28,0	195	147	264	124	119	M10
RSTS 4200	UI 150/92	9,2	31,0	195	165	264	124	134	M10
RSTS 5000	UI 150/103	12,9	38,5	195	176	264	124	145	M10
RSTS 6300	UI 180/78	16,8	48,0	236	168	364	144	140	M10
RSTS 8000	UI 180/93	20,7	57,0	236	183	372	144	155	M10