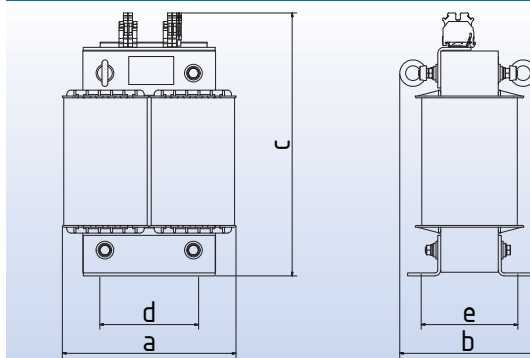
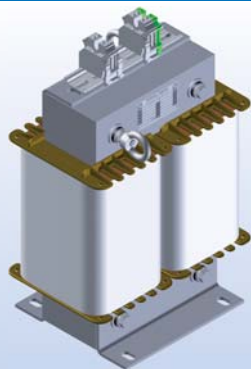




Single-phase grid transformers according to VDE 0570 part 2-1, EN 61558-2-1

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

Single-phase safety transformers according to VDE 0570 part 2-6, EN 61558-2-6

Single-phase autotransformers *1 according to VDE 0570 part 2-13, EN 61558-2-13

Industrial control transformers UL 5085 / CSA 22.2 allowed



Fig. Upright design with top bracket
UL-file No.: E164203

Category: XPTQ2/8

(not „Construction only“ or
„Insulating System“)

***1) Suffix -A (RSTS-A) = Autotransformer**

General information:

The transformers in the RSTS UL-CSA series are specially approved for the North American market. They also meet the requirements of EN 61558

Industrial control transformers UL 5085 / CSA 22.2 allowed (sum of all idle secondary voltages: max. 600V)

Grid transformers according to VDE 0570 part 2-1, EN 61558-2-1,

Isolation transformers according to VDE 0570 part 2-4, EN 61558-2-4,

Safety transformers according to VDE 0570 part 2-6, EN 61558-2-6, (sum of all idle secondary voltages: max. 50V)

Autotransformers *1 adapted in terms of installed capacity (current intensity max. 360A per connection terminal)

The respective version must be given with the order.

The particular advantages of the RSTS UL-CSA series

- **Variable voltages selectable** by customer
Pri. 110-600V optionally with $\pm 5\%$ tap
sec. 10V...600V (500-3000VA), 19V...600V (4200-6300VA), 40V...600V (8000-13000VA), 80V...600V (16000-25000VA)
- Maximum 4 voltage taps, e.g. $\pm 5\%$ in given voltage range optional
- Maximum 4 separate windings with a sum lying inside the voltage range window, maximum current: 360A each
- Copper shield / magnetic shield between windings (optional)
- Temperature-bimetal switch for temperature monitoring optional
- Selection of mechanical terminal mounting (front or top mounting) optional
- Upon request by the customer for secondary voltage to 50VAC (V no-load) non-isolated cable connection (optional)
- Optional: PE screw terminal connector, PE shield and 2nd secondary winding

Design:

Open frame, stationary, for device installation and assembly in dry rooms, separate windings. Connection to leakage current-resistant transformer terminals with screw fastening. The transformer terminals are protected against back of hand and finger contact according to accident prevention regulations (BGV A3). From 50A with terminal blocks on top bracket.

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

Type	Power VA	Size	Item no:	Copper kg	Total kg	Dimensions approx. in mm					Mounting
						a	b	c	d	e	
RSTS 500 UL-CSA	500	UI 90/41	0055-00000500	1,50	5,2	120	85	157	66	76	M6
RSTS 630 UL-CSA	630	UI 90/51	0055-00000630	1,80	6,3	120	95	157	76	76	M6
RSTS 800 UL-CSA	800	UI 114/40	0055-00000800	2,20	7,7	154	90	198	100	95	M6
RSTS 1000 UL-CSA	1000	UI 102/57	0055-00001000	2,75	7,9	140	103	177	76	87	M6
RSTS 1200 UL-CSA	1200	UI 120/51	0055-00001200	4,85	13,6	160	105	208	100	79	M6
RSTS 1400 UL-CSA	1400	UI 114/64	0055-00001400	3,85	13,0	154	114	198	100	95	M6
RSTS 1500 UL-CSA	1500	UI 120/61	0055-00001500	4,95	15,0	160	115	208	100	89	M6
RSTS 1800 UL-CSA	1800	UI 120/75	0055-00001800	6,05	17,0	160	129	208	100	103	M6
RSTS 2000 UL-CSA	2000	UI 132/72	0055-00002000	6,45	20,0	178	132	228	112	102	M8
RSTS 2200 UL-CSA	2200	UI 150/52	0055-00002200	7,25	21,0	200	122	260	124	94	M8
RSTS 2500 UL-CSA	2500	UI 150/65	0055-00002500	7,90	24,8	200	135	260	124	107	M8
RSTS 3000 UL-CSA	3000	UI 150/77	0055-00003000	8,35	28,0	200	147	260	124	119	M8
RSTS 4200 UL-CSA	4200	UI 150/92	0055-00004200	10,10	31,0	200	162	260	124	134	M8
RSTS 5000 UL-CSA	5000	UI 150/103	0055-00005000	14,20	38,5	200	173	260	124	145	M8
RSTS 6000 UL-CSA	6000	UI 168/92	0055-00006000	16,50	42,0	228	172	287	136	144	M8
RSTS 6300 UL-CSA	6300	UI 180/78	0055-00006300	18,50	48,0	240	168	305	144	140	M8
RSTS 8000 UL-CSA	8000	UI 180/93	0055-00008000	22,75	57,0	240	183	305	144	155	M8
RSTS 10000 UL-CSA	10000	UI 210/88	0055-00010000	32,00	78,0	280	188	360	176	158	M10
RSTS 13000 UL-CSA	13000	UI 210/103	0055-00013000	36,30	89,0	280	203	360	176	173	M10
RSTS 16000 UL-CSA	16000	UI 210/133	0055-00016000	46,10	112,0	280	233	360	176	203	M10
RSTS 20000 UL-CSA	20000	UI 240/140	0055-00020000	46,20	129,0	320	250	410	196	214	M14
RSTS 25000 UL-CSA	25000	UI 240/140	0055-00025000	49,05	136,0	320	250	410	196	214	M14