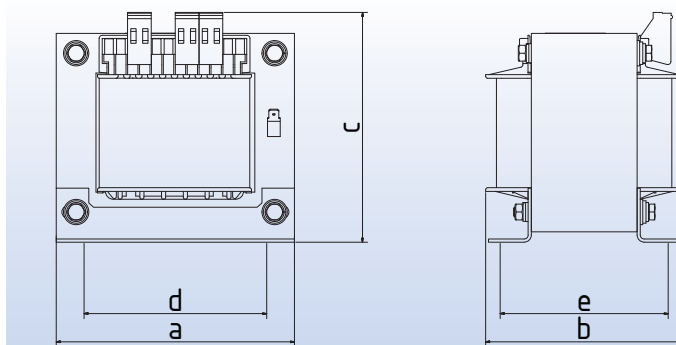
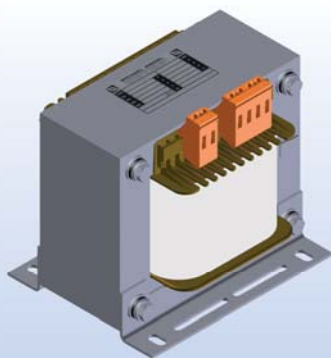




Single-phase grid transformers according to VDE 0570 part 2-1, EN 61558-2-1

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

Industrial control transformers UL 506 / CSA 22.2



UL-file No.: E164203

Category: XPTQ2/8

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

General information:

Transformers of the series RSTN UL-CSA meet national and international requirements for worldwide use. They can be delivered upon request with approval as

Industrial control transformers UL 506 / CSA 22.2 (sum of all idle secondary voltages: max. 250V)

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

Control transformers according to VDE 0570 part 2-2, EN 61558-2-2,

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)

The respective version must be given with the order.

The particular advantages of the RSTN UL-CSA series

- **Variable voltages selectable** by customer
Pri. 110V...600V incl. $\pm 5\%$ tap
sec. 12V...230V (50-130VA), 24V...230V (145-800VA), 110V...230V (1000-3000VA),
- High reliability and long life
- Compact, low-weight design
- Low overall losses, high efficiency
(e.g. lowering of core losses through alternating layering)
- Above-averagely high power for short-time operation
- High power yield in relation to volume
- For control transformers: insulation system of higher quality than that specified in the standard
- High voltage stability due to lower voltage drop between no-load and load periods
- 130VA and higher-power transformers protected against bolted short circuits via insulating bushes
- Optional: PE screw terminal connector, PE shield and 2nd secondary winding

Design:

Like RSTN series

Type	Power VA	Item no:	Copper kg	Total kg	Dimensions approx. in mm					Mounting
					a	b	c	d	e	
RSTN 50 UL-CSA	50	0317-00000050	0,27	1,20	78	71	89	56	45	M4
RSTN 63 UL-CSA	63	0317-00000063	0,28	1,47	78	80	89	56	54	M4
RSTN 75 UL-CSA	75	0317-00000075	0,29	1,60	85	68	93	64	47	M4
RSTN 100 UL-CSA	100	0317-00000100	0,34	2,10	85	82	93	64	61	M4
RSTN 130 UL-CSA	130	0317-00000130	0,45	2,30	96	78	104	84	60	M5
RSTN 145 UL-CSA	145	0317-00000145	0,52	2,20	85	90	93	64	69	M4
RSTN 180 UL-CSA	180	0317-00000180	0,53	3,00	105	80	110	84	62	M5
RSTN 200 UL-CSA	200	0317-00000200	0,58	2,90	96	88	104	84	70	M5
RSTN 250 UL-CSA	250	0317-00000250	0,66	3,70	96	102	104	84	84	M5
RSTN 270 UL-CSA	270	0317-00000270	0,63	3,50	105	88	110	84	69	M5
RSTN 320 UL-CSA	320	0317-00000320	0,73	4,50	105	104	110	84	85	M5
RSTN 330 UL-CSA	330	0317-00000330	1,00	4,15	120	88	120	90	70	M5
RSTN 400 UL-CSA	400	0317-00000400	1,03	5,20	120	100	120	90	82	M5
RSTN 460 UL-CSA	460	0317-00000460	1,10	6,00	120	108	120	90	90	M5
RSTN 500 UL-CSA	500	0317-00000500	1,10	6,90	120	120	120	90	102	M5
RSTN 510 UL-CSA	510	0317-00000510	1,60	6,45	135	105	131	104	86	M5
RSTN 600 UL-CSA	600	0317-00000600	1,70	7,00	135	115	131	104	96	M5
RSTN 630 UL-CSA	630	0317-00000630	1,68	7,80	150	107	145	122	84	M6
RSTN 700 UL-CSA	700	0317-00000700	1,80	7,90	135	125	131	104	106	M5
RSTN 800 UL-CSA	800	0317-00000800	2,50	10,00	150	124	145	122	101	M6
RSTN 1000 UL-CSA	1000	0317-00001000	2,60	12,80	150	150	145	122	127	M6
RSTN 1100 UL-CSA	1100	0317-00001100	2,80	12,70	174	128	157	135	96	M6
RSTN 1300 UL-CSA	1300	0317-00001300	3,13	14,70	174	138	157	135	106	M6
RSTN 1600 UL-CSA	1600	0317-00001600	3,40	16,70	174	148	156	135	116	M6
RSTN 1900 UL-CSA	1900	0317-00001900	4,00	21,10	174	168	156	135	136	M6
RSTN 2000 UL-CSA	2000	0317-00002000	4,50	22,50	195	154	178	150	122	M8
RSTN 2500 UL-CSA	2500	0317-00002500	6,00	24,60	195	176	178	150	144	M8
RSTN 3000 UL-CSA	3000	0317-00003000	6,60	26,90	195	182	178	150	150	M8