



**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**

### General information:

The transformers in the REIA series meet national, international and prepared future requirements for worldwide use. They can be delivered upon request with approval as

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, (from 30VA)

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 REIA series

- **Variable voltages selectable** by customer
- High reliability and long life
- Compact, low-weight design
- Low overall losses, high efficiency
- Above-averagely high power for short-time operation
- High power yield in relation to volume
- 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
- Temperature reserves, can also be loaded with full current at Ta of 60°C/B

### Design

Like RSTN series, normal design for transformation to max. 690V or 50A.

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

Type	Power VA	Size *)	Item no	Copper kg	Total kg	Dimensions approx. in mm					Mounting
						a	b	c	d	e	
REIA 15	15	EI 54/18*	0053-00000015	0,07	0,35	55	76	60	44	34	M3
REIA 18	18	EI 60/21	0053-00000018	0,08	0,45	60	65	76	44	36	M3
REIA 30	30	EI 66/23	0053-00000030	0,12	0,60	66	67	80	50	40	M4
REIA 40	40	EI 66/34	0053-00000040	0,15	0,90	66	78	80	50	52	M4
REIA 50	50	EI 78/27	0053-00000050	0,27	1,20	78	71	89	56	45	M4
REIA 63	63	EI 78/36	0053-00000063	0,28	1,47	78	80	89	56	54	M4
REIA 75	75	EI 84/29	0053-00000075	0,29	1,60	85	68	93	64	47	M4
REIA 100	100	EI 84/43	0053-00000100	0,34	2,10	85	82	93	64	61	M4
REIA 140	140	EI 96/35	0053-00000140	0,45	2,30	96	78	104	84	60	M5
REIA 145	145	EI 84/52	0053-00000145	0,52	2,20	85	90	93	64	69	M4
REIA 180	180	EI 105/37	0053-00000180	0,53	3,00	105	80	110	84	62	M5
REIA 200	200	EI 96/45	0053-00000200	0,58	2,90	96	88	104	84	70	M5
REIA 250	250	EI 96/59	0053-00000250	0,66	3,70	96	102	104	84	84	M5
REIA 270	270	EI 105/45	0053-00000270	0,63	3,50	105	88	110	84	69	M5
REIA 320	320	EI 105/60	0053-00000320	0,73	4,50	105	104	110	84	85	M5
REIA 330	330	EI 120/41	0053-00000330	1,00	4,15	120	88	121	90	70	M5
REIA 400	400	EI 120/53	0053-00000400	1,03	5,20	120	100	120	90	82	M5
REIA 460	460	EI 120/61	0053-00000460	1,10	6,00	120	108	120	90	90	M5
REIA 500	500	EI 120/73	0053-00000500	1,10	6,90	120	120	120	90	102	M5
REIA 510	510	EI 135/52	0053-00000510	1,60	6,45	135	105	131	104	86	M5
REIA 600	600	EI 135/62	0053-00000600	1,70	7,00	135	115	131	104	96	M5
REIA 630	630	EI 150N/49	0053-00000630	1,68	7,80	150	107	145	122	84	M6
REIA 700	700	EI 135/72	0053-00000700	1,80	7,90	135	125	131	104	106	M5
REIA 800	800	EI 150N/66	0053-00000800	2,50	10,00	150	124	145	122	101	M6
REIA 1000	1000	EI 150N/92	0053-00001000	2,60	12,80	150	150	145	122	127	M6
REIA 1100	1100	EI 174/62	0053-00001100	2,80	12,70	174	128	157	135	96	M6
REIA 1300	1300	EI 174/72	0053-00001300	3,13	14,70	174	138	157	135	106	M6
REIA 1600	1600	EI 174/82	0053-00001600	3,40	16,70	174	148	157	135	116	M6
REIA 1900	1900	EI 174/102	0053-00001900	4,00	21,10	174	168	157	135	136	M6
REIA 2000	2000	EI 192/82	0053-00002000	4,50	22,50	195	154	178	150	122	M8
REIA 2500	2500	EI 192/104	0053-00002500	6,00	24,60	195	176	178	150	144	M8
REIA 3000	3000	EI 192/110	0053-00003000	6,60	26,90	195	182	178	150	150	M8