

One way we're innovating:

Making proven HSP quality
even more economical!

STARIP®-Eco

RIP Transformer Bushings
Dry Type with Silicon Insulator
acc. to IEC 60137, 2008-07



Proven reliability, greater efficiency:
Your advantages at a glance

- Proven reliable RIP technology at an economical price
- Broad range of applications (from 24 kV to 170 kV)
- Short lead times (thanks to in-house production)
- Silicone-rubber insulation
- Additional moisture protection
- Environmentally friendly design
- Highest quality – Made in Germany

Electrical Data

STARIP®-Eco			24	36	52	73	100	123	145	170
Rated Voltage: 50/60 Hz	kV		24	36	52	72.5	100	123	145	170
Partial Discharge Level	pC		<5	<5	<5	<5	<5	<5	<5	<5
Test Voltage: 50 Hz; 1 min dry	kV		55	77	105	155	205	255	305	355
Impulse test voltage [BIL]: 1.2/50 μ s full wave	kV		125	170	250	325	450	550	650	750
Maximum rated current: $I_{max} / 450 \text{ mm}^2$	A		800	800	800	800	800	800	800	800
Maximum rated current with removeable conductor: I_{max}	A		1250	1250	1250	1250	1250	1250	1250	1250
Maximum rated current with solid conductor: I_{max}	A		2000	2000	1600	1600	1600	1600	1600	1600
Minimum flashover distance	mm	SW	345	454	504	704	904	1104	1304	1454
Creepage distance: minimum	mm		1084	1476	1672	2456	3240	4024	4808	5396
Specific creepage distance	mm/kV		45.2	41.0	32.2	33.6	32.4	32.7	33.2	31.7
Cantilever test load	N		1250	1250	1600	2000	2000	3150	3150	4000

Dimensions

Length L2 at CT = 0 mm	mm	L2	160	180	240	270	320	350	400	440
Length L2 at CT = 300 mm	mm	L2	460	480	540	570	620	650	700	740
Length L2 at CT = 500 mm	mm	L2	660	680	740	770	820	850	900	940
	mm	L3	603	738	778	958	1128	1341	1588	1738
Top terminal d2 x l4	mm		$\leq 1250 \text{ A} = \varnothing 30 \times 90; > 1250 \text{ A} = \varnothing 42 \times 135$							
Bottom terminal d1 x l1	mm		$\leq 1250 \text{ A} = \varnothing 35 \times 90; > 1250 \text{ A} = \varnothing 45 \times 90$							
Outside diameter of core	mm	D1	88	88	115	115	115	130	154	154
Outside diameter of flange	mm	D2	225	225	225	225	290	290	335	335
Diameter of bolt circle	mm	LK	185	185	185	185	250	250	290	290
Number of holes		z	8	8	8	8	8	8	12	12
Angle	°	a	45	45	45	45	45	45	30	30
Hole diameter	mm	i	15	15	15	15	15	15	20	20

Technical information are subject to change without notice.

