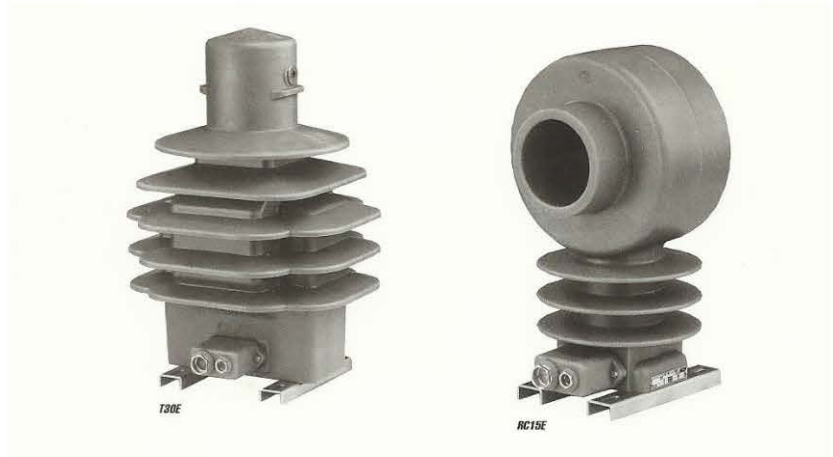


Outdoor Current Transformers

RCE, TE SERIES



- Outdoor
- Epoxy resin
- 3.6-7.2-12-17.5-24-36 KV
- Primary currents Up to 14000 A
- Ith up to 1000 Ipn

Outdoor current transformers vacuum moulded in self-extinguishing resin for the measurement of AC current up to 14000A.

They are equipped with a weather proof terminal box fitted with 2 cable glands.

Technical data	
Rated insulation level	3.6/10/40 kV to 36/70/170 kV
Primary current I _{pn}	Up to 14000A
Secondary current I _{sn}	5 or 1 A
Frequency	50 or 60 Hz
Rated output	1 to 60 VA
Accuracy class	0.1 - 0.2 - 0.2S -0.5-0.5S-1-3-5P-10P-C1PX
Security factor	5 to 20
Accuracy limit factor	5 - 10 - 15 - 20 - 30
Continuous thermal current	1.2 I _{pn}
Short-time thermal current I _{th}	80 to 1000 I _{pn}
Dynamic current I _{dyn}	2.5I _{th}
Insulation class	E
Altitude	1000 m
Ambient temperature	-5C° to + 40 C°
	-25C° to + 40 C°
	-40C° to + 40 C°
Standards	IEC60044-1, IEC61869-2, IEC60044-6

Other characteristics on request	
Secondary current I _{sn}	0.005 to 10A
Multi - ratio	By secondary tapping
Double - ratio	Primary change -over for T30E model
Multiple cores	Up to 4 cores
Continues thermal current	1.2 to 1.5I _{pn} and 2I _{pn}
Standard	ANSI C57.13, IEC60044-6,

Accessories/Option	
Shield	On RC series

This document is the property of Pars Shar and maybe changed without prior notice

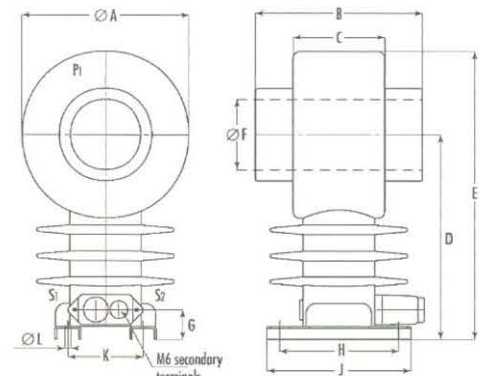
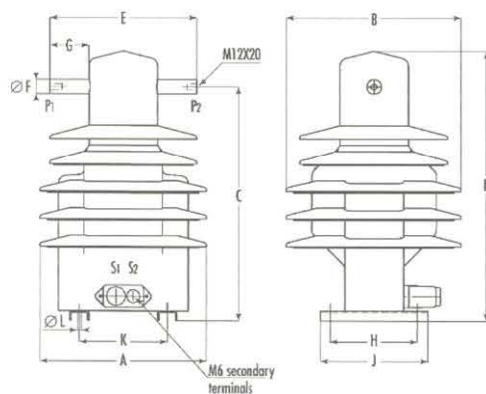


RCE, TE SERIES

Type	Un	Creepage Distance	Weight	A	B	C	D	E	F	G	H	J	K	L
	kv	mm	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
T24E	24/50/125	720	27	345	269	370	500	249	30	65	200	220	114	8
T30E	36/70/170	900	42-55	365	355	550	610	296	45	80	200	220	190	8
T33E	36/70/170	1420	93	340	300	570	640	405	50	110	195	400	188	8
RC15E-108	24/50/125	490	33	279	255	141	320.5	462	108	42	220	210	115	8
RC15E-130	24/50/125	490	33	279	255	141	320.5	462	130	42	220	210	115	8
RC24E-110	24/50/125	845	76-86	420	265	170	419	630	172	42	400	220	114	8
RC24E-130	24/50/125	845	76-86	420	265	170	419	630	172	42	400	220	114	8
RC24E-170	24/50/125	845	76-86	420	265	170	419	630	170	42	400	220	114	8
RC30E	36/70/170	1060	43	279	255	140	419	522	147.5	45	400	225	115	8
RC33E	36/70/170	1150	50	325	495	190	470	643	147.5	118	400	275	149	8
RC34E	36/70/170	1175	80	325	545	230	470	643	147.5	118	400	300	149	8

RC15E - RC306E - RC306-250E - RC30E

T24E - T25E - T30E



Installation

At 24 KV for the RC15E model, it is advisable that the conductor passing through the transformer should be round with a maximum diameter of 80 mm, centered in the hole, A bar may be used provided that its angles are rounded.

This document is the property of Pars Shar and maybe changed without prior notice