

3,6,10,12KV Indoor Use Potential Transformer (REL12,JDZX10-3,6,10A(B))



BGE

The potential transformer

Type	Rated voltage station (V)	Frequency (Hz)	Accuracy class and rated output(VA)				Limit output (VA)	Rated insulated level(kV)
			0.2	0.5	1	6P		
JDZX10-3A	3000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3	50.60	15	30	60	50	150	3.6/25/40
JDZX10-6A	6000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3		15	30	60	50	150	7.2/32/60
JDZ10-10A	10000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3		15	30	60	50	150	12/42/75
JDZX10-3B	3000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3		25	50	90	50	400	3.6/25/40
JDZX10-6B	6000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3		25	50	90	50	400	7.2/32/60
JDZX10-10B	10000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3		25	50	90	50	400	12/42/75

3,6,10,12KV Indoor Use Potential Transformer JDZJ-3,6,10(W)



BGE

The high voltage potential transformer is of insulation epoxy resin cast structure with piled ring core wound with primary and secondary windings in a same core.

Technical data

Type	JDZJ-3(W)	JDZJ-6(W)	JDZJ-10(W)
Rated voltage ratio(V)	3000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3	6000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3	10000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/3
Frequency(Hz)	50	50	50
Rated output (VA) for accuracy class0.5 for accuracy class1 for accuracy class3	30 50 80	50 80 200	80 150 300
Max. Output (VA)	200	400	500
Insulation level(KV)	3.5/23/40	6.9/32/60	11.5/42/75

10-12KV Indoor Use Current Transformer LMZ-10(LMZJ1-10)

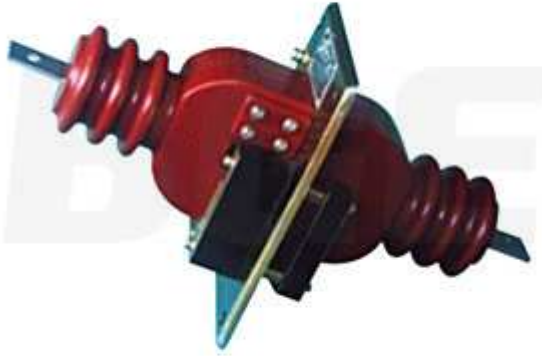


BGE

The current transformer is provided with a ring core. The secondary windings are wound on the core evenly, which are then cast with epoxy resin and fixed on an allu-minium alloy flange which is fitted with rating plate, earthing bolt, and 4 hole for mounting

Type	Rated voltage (kv)	Rated primary current (A)	Rated secondary Current (A)	Accuracy classes	Rated secondary burden			Accuracy limit factor for 10P
					Class 0.5	Class 3	Class 10P	
LMZ-10	10	300-1000	5	0.5/3 0.5/10P	10	15	15	10
LMZJ1-10	10	1500	5	0.5/10P	40		80	15
		2000,3000,4000,5000			60		100	

10-12KV Indoor Use Current Transformer LA-10Q(LFZ-10Q,LFZB-10Q)



BGE

Description

Current transformer type LAJ-10Q is applicable to the current and power measurement and relay protection of indoor system of rated voltage 10kV and below at a frequency of 50Hz or 60Hz.

Construction

The current transformer is of resin casting 300A and below is semi-closed structure, 400-800A single lure type is of hermetically sealed structure, the product is stiffened for its external insulation.

Technical data

1. Rated insulation level 11.5/42/75kV (surface dew point and class 2 artificial pollution);
2. Rated primary current, accuracy classes, rated output and rated short-time thermal current see table1;
3. Power factor 0.8 (lagging);
4. Rated secondary current: 5A (or 1A);
5. The measurement of partial discharge level is in accordance with GB5583-85 and IEC44-4. Apparent

partial discharge level not more than 50PC

Rated primary Current (A)	Accuracy class and output (VA)				1 th/ls (KV)(r.m.s)	Ldyn(KV) (peak)
	0.2	0.5	1	10P10		
20~200	10	25	25	15	120 I ln	215I ln
300					100 I ln	180 I ln
400	15	25	25	20	75 I ln	135 I ln
500					60 I ln	110 I ln
600,800	25	25	25	20	50 I ln	90 I ln

10-12KV Indoor Use Current Transformer LDJ(1,5,6)-10



BGE

The product is made cast resin insulated totally enclosed . the primary outlet tips have several ways of going and on of them is put in cast resin insulated con-tact box(static contact)

Rated primary Current (A)	Accuracy class and output (VA)				1 th/ls (KV)(r.m.s)	Ldyn(KV) (peak)
	0.2	0.5	1	10P		
5~40	5 10	10	10	15	100 I ln	2.5I tn
50~160(150)					150 I ln	
200~400					60,80	100
500~800	15	15	15	20		
100~3150(3000)	20	25	25	25	80	130

10-12KV Indoor Use Current Transformer LDZJ-10



BGE

The current transformer is of an annealed ring core round with primary winding and secondary winding cast with epoxy resin for insulation. There are rating plate, earthing bolt and mounting hole on the cast body base for wall through mounting of fixed switching case

Rated primary current(A)	400,600	800,1000,1200,1500
Rated secondary current(A)	5	5
Frequency (Hz)	50	50
Rated output(VA)		
For accuracy class 0.2	30	10
For accuracy class 0.5	30	10
For accuracy class 10P15	30	15
1th/1s(r.m.s)(kA)	$75I_{1n}$	$50I_{1n}$
1dyn(peak)(kA)	$120I_{1n}$	$90I_{1n}$
Rated insulation level (KV)	11.5/42/75	11.5/42/75

35-40.5KV Indoor Use Current Transformer LCZ-35(Q)(LQZB-35)



Construction

This current transformer is semi-enclosed and posts type product. The primary winding is casting by resin inside. The secondary winding and iron core is fixed outside it. The type LCZ-35Q is enhancement insulation type.

Rated primary Current (A)	Accuracy classes combination	Rated output (VA)	Rated short-time Thermal current(KA)	Rated dynamic Current(KA)
20			1.3	3.25
30			2	5
40	0.2/10P10	20/50	3	7.5
50	0.2/10P20	20/25	4.5	11.5
75	0.5/10P10	50/50	6	15
100	0.5/10P20	50/25	9	22.5
150	10P10/10P10	50/50	12	30
200	10P20/10P20	25/25	18	45
300	0.2/0.5/10P10	15/50/50	24	60
400	0.2/0.5/10P20	15/50/25	36	90
600	0.2/10P10/10P10	15/25/50		
800	0.2/10P10/10P20	15/25/25		
1000	0.5/10P10/10P10	15/25/50		
1200	0.5/10P10/10P20	50/25/25	48	120
1500				

35-40.5KV Indoor Use Current Transformer LZZB-35



BGE

Description

The voltage transformers of the types are fully-enclosed and casting resin products. They are used for metering electric energy, voltage control and relay protection in the electric system up to rated frequency 50Hz or 60Hz and rated voltage 35KV. The transformer can be executed according to the standard IEC185 and GB1208-1997.

Construction

This current transformer is fully enclosed and posts type product. It has a good ability of antipollution and moisture proof. It is small and light. It can mounted in any position you like.

Technical data

1. rated insulation level: 40.5/95/185kV;
2. rated secondary current: 5A, 1A
3. rated frequency: 50Hz, 60Hz;
4. the condition transformer are in according with GB1208 and IEC185 standards;
5. can be fitted with 35KV outdoor vacuum cutout.

35-40.5KV Indoor Use Current Transformer LZZB7-35GYW1



BGE

This current transformer is fully enclosed and posts type product. It has a good ability of antipollution and moisture proof especially being used in damp tropics and highland. This product has two different striations and size.

Technical data

1. rated insulation level: 40.5/95/185kV;
2. rated secondary current: 5A, 1A
3. rated frequency: 50Hz, 60Hz;

Rated primary Current (A)	Accuracy classes combination	Rated output (VA)	Rated short-time Thermal current(KA)	Rated dynamic Current(KA)
20	0.2/10P10	30/50	6	15
30	0.5/10P10	50/50	12	30
40	0.2/10P10	30/25		
50	0.5/10P20	50/25	16	40
75	0.2/0.5/10P10	20/50/50	25	62.5
100	0.2/0.5/10P20	20/50/25		
150	0.2/0.5/10P10/10P10	20/50/50/50	32	80
200	0.5/10/10/10P10/10P10	30/20/50/50		
300	0.2/10P10/10P10/10P10	20/20/50/50		
400				
500	0.2/10P10	50/50	63	130
600	0.5/10P10	50/50		
750	0.2/10P20	50/30		
800	0.5/10P20	50/30		
1000	0.2/0.5/10P10	30/50/30		
1200	0.2/0.5/10P20	30/50/50		
1500	0.2/0.5/10P10/10P10	20/50/50/50	63	130
	0.5/10/10/10P10/10P10	30/20/50/50		
	0.2/10P10/10P10/10P10	20/20/50/50		

10-12KV Indoor Use Current Transformer LZZBJ-10(A,B,C)



BGE

High voltage Current Transformer service condition

1. Altitude: not over 1000m
2. ambient temperature :-5 to + 40
3. relative humidity: less than 90%, at 20

Rated primary current(A)	Accuracy classes combination	Rated output (VA)	Rated short-time thermal current(Ka/S)	Rated dynamic current(kA)
10	0.2/10P10	10/15	2.0	5.0
	0.5/10P10	10/15	2.0	5.0
	0.2/10P15	10/15	1.0	2.5
	0.5/10P15	15/15	1.0	2.5
15	0.2/10P10	10/15	4.5	11.25
	0.5/10P10	10/15	4.5	11.25
	0.2/10P15	10/15	1.5	3.75
	0.5/10P15	15/15	1.5	3.75
20	0.2/10P10	10/15,10/20	6	15
	0.5/10P10	10/15,10/20	6	15
	0.2/10P15	10/15,10/20	3	7.5
	0.5/10P15	15/15,20/20	3	7.5
30	0.2/10P10	10/15,10/20	12	30
	0.5/10P10	10/15,10/20	12	30
	0.2/10P15	10/15,10/20	4.5	11.25



Tel: 86-577-61722761 / E-mail: root@bgecn.com <http://www.bgecn.com>

	0.5/10P15	15/15,20/20	4.5	11.25
	0.2/10P20	10/15	3.6	9
	0.5/10P20	10/15	3.6	9
40	0.2/10P10	10/15,10/20	16	40
	0.5/10P10	10/15,10/20	16	40
	0.2/10P15	10/15,10/20	6	15
	0.5/10P15	15/15,20/20	6	15
	0.2/10P20	10/15	4.8	12
	0.5/10P20	10/15	4.8	12
1200(1250)	0.2/10P10	20/20,15/30	100	250
	0.5/10P/10	20/20,15/30	100	250
	0.2/10P15	20/15,15/20	100	250
	0.5/10P/15	20/15,30/20	100	250
	0.2/10P20	15/20	100	250
		0.5/10P20	15/20	100