

● REFERENCE STANDARDS

- 1.1 IEC 60044-2, GB1207-1997 《Voltage transformers》
- 1.2 IEC 60044-1, GB1208-1997 《Current transformers》
- 1.3 GB17201 《Combination transformers》
- 1.4 GB311.1 《Insulation co-ordination for high voltage power transmission and transformation equipment》
- 1.5 GB/T16927.1 《High-voltage test techniques Part1: The general experiment requests》
- 1.6 GB/T16927.2 《High-voltage test techniques Part2: Measuring systems》
- 1.7 DL/T539 《Technical specifilations for dewing and pollution test of indoor AC high voltage switchgear board and parts》
- 1.8 DL/T407 《Technical specifilations for ordering of indoor AC high voltage switchgear board》

● SERVICE CONDITIONS

- Besides has the explanation in addition, transformers should satisfy following service conditions.
- 2.1 Ambient air temperature
- Indoor instrument transformers' environment should between -5℃ to 40℃, outdoor instrument transformers' environment should between -25℃ to 40℃, daily average temperature can' surpass 30℃ (when it has special request, please indicates when you order).
- 2.2 Altitude
- The altitude doesn't exceed 1000m for ordinary products;
The altitude doesn't exceed 3000m for plateau-type products
The altitude doesn't exceed 1000m and at the conditions of moisture, dewing and pollution for all operating conditions products.
- 2.3 There have to be no gas that may seriously affect the insulation's pollution, corrosive and explosive material.

- 2.4 Current transformers can be permit to move for a long time under 1.2 time of the rated voltage.
- 2.5 System earthing way
- a) Neutral point earth system effectively.
 - b) Neutral point earthsystem uneffectively.

● OPERATING INSTRUCTIONS

- 3.1 The designation for protective accuracy class of current transformer in the used is "C", "D", "B", separately expresses "the difference", "moves", "protects". According to the stipulation in GB1208-75, GB1208-97 and GB1208-87: It is designated by the highest permissible percentage composite error at the voltage range for protective class of current transformer, "P" follows the accuracy class. The standard protective accuracy class is 5P and 10P. Fox example, 10P15, the "10" behind "P" means rated accuracy limit factor (multiple of 10%, saturated multiple) is 15.
- 3.2 The designation for protective winding of voltage transformer in the used is "Zero sequence voltage coil", the standard accuracy classes are "3B" or "6B" , 3 and 6 are limit error, "B" means protection. According to the stipulation in GB1207-1997: It is designated by highest permissible percentage voltage error at the voltage range from 5% rated voltage to the voltage correspondent to the rated voltage factor for the accuracy class concerned. "P" follows the accuracy class. The standard protective accuracy class is 3P or 6P.
- 3.3 The meaning of the code number in special environment

Code Number	Meaning	Note
W1	Is suitable in pollution calss II area	It is all on behalf of all operating conditions products that electric power department proposes which products' crawling the electricity ratio apart is not smaller than 20mm/KVW1
W2	Is suitable in pollution calss III area	The products' crawling the electricity ratio apart is not smaller than 25mm/kV
GY	Is suitable in high altitude area	
TH	Is suitable in humid tropics area Max temperature is + 40℃ Min temperature is 0℃ Highest daily average temperature is +35℃	



3.4 The Rated insulation level for products aplied on altitude up to 1000m

Rated Voltage (kV)	Highest Service Voltage(kV)	Rated Insulation Level(kV)
3	3.6	3.6/25/40
6	7.2	7.2/32/60
10	12	12/42/75
20	24	24/65/125
35	40.5	40.5/95/185(200)
66	72.5	72.5/140/325
110	126	126/230/550
220	245	245/460/1050

● SIGNIFICANCE OF THE PRODUCTS MODEL LETTER AND ORDER OF RANK

4.1 Voltage transformers

Serial Number	Category	Meaning	On Behalf Of Letter
1	Purpose classification	Voltage transformers	J
2	Phase counts	Single-phase Three-phase	D S
3	Outside the winding insulates medium	Transformer oil Air (dry-type) Casting formation firmware	- G Z
4	Structure characteristic and use	Brings the residual (Zero sequence) voltage winding Three column belt compensation winding Five column three winding Cascade type brings the residual (Zero sequence voltage winding)	X B W C

4.2 Current transformers

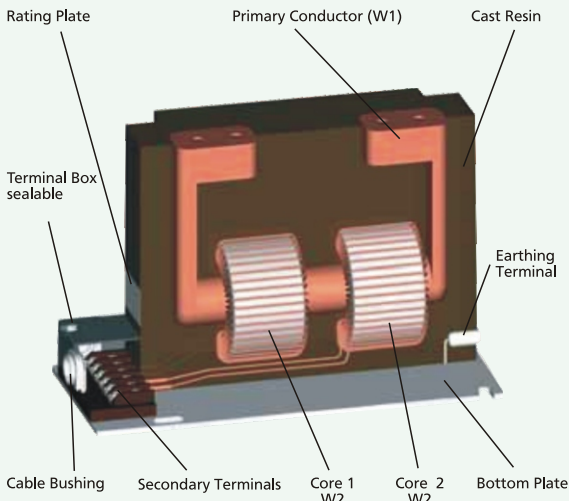
Serial Number	Category	Meaning	On Behalf Of Letter
1	Purpose classification	Current transformers	L
2	Structure pattern	Bushing-type (loads type) Support type Coil-type Going-thru (double circle) Going-thru (Single circle) Going-thru (busbar) Open and closes type	R Z① Q F D M K
3	Outside the winding insulates medium	Transformer oil Air (dry-type) Gas Porcelain Casting formation firmware insulation shell	- G Q C② Z K
4	Structure characteristic and use	Brings the protective class	B

Attention: when uses large capacity or the reinforced insulation to the normal product, should add "J" or "Q" behind the product model letter for expressing.

- ① Nakes when the prop by the porcelain box, it doesn't express.
② Expresses when the host insulation is porcelain insulation is porcelain box.

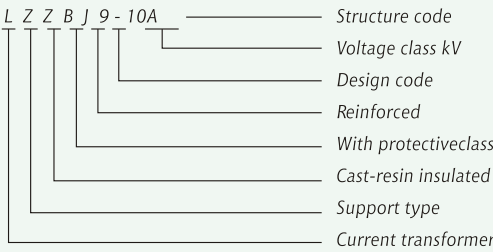
● NOTES

- 5.1 The secondary winding of a current transformer has not to be open absolutely while primary current is running to in the primary winding. Otherwise there will produce high voltage. It would be dangerous to personal safety or affect the performance of products.
- 5.2 There should be no short circuit at the secondary winding for a voltage transformer, or the voltage transformer would be damaged.
- 5.3 The testing voltage of the secondary winding of transformer has to be 80% stipulated testing voltage while repeated power frequency voltage withstand test needed.



General design sample of a current transformer

● MODEL DESIGNATION

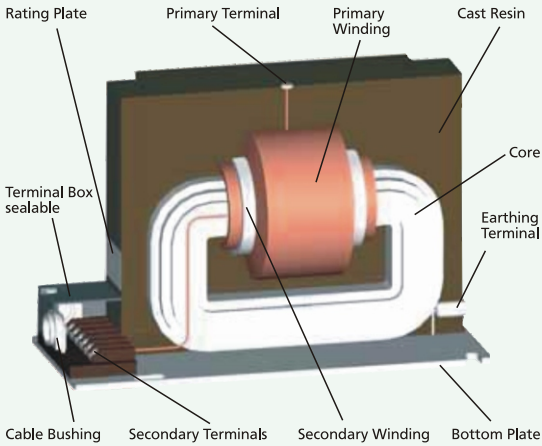


● SPECIFICATION

Um	12kV
Test voltages	42/75kV
Rated primary current	10-1250A
Rated secondary current	5/1A
Rated dynamic current	2.5 x Ith
Rated frequency	50/60Hz
Accuracy	0.5,0.2/ 5P,10P
Rated accuracy limit factor	FS<10

● NOTES FOR ORDERING

- 6.1 While ordering for current transformer, please submit the following: name and type for product, rated current ratio, accuracy class or accuracy classes combination and rated output correspondently, rated short-time thermal current, rated dynamic current etc.
Fox example: Current transformer, type LZZBJ9-10C2, 600A/5A, 0.5/5P10, 15/20VA, Ith = 65kA, Idyn = 163kA.
- 6.2 While ordering for voltage transformer, please submit the following: name and type for product, rated voltage ratio, accuracy class or accuracy classes combination and rated output correspondently.
Fox example: Voltage transformer, type JDZX10-10, 1000/ $\sqrt{3}$ /100/ $\sqrt{3}$ /100/ $\sqrt{3}$ V, 0.5/6P, 30/50VA.



General design sample of a singlepole voltage transformer

● CONSTRUCTION

The product has a leg type, totally-enclosed structure and its ring core, primary winding and secondary winding are casted resin insulated. Reinsforced insulation makes it workable under humidity condensation and pollution II. Three wiring ways are for your choise (A.B.C). B. C type information under request.

The outlet marks of the product are: primary P1, P2, secondary group on 1S1, 1S2, group two 2S1, 2S2.

As the primary current flow from P1 to P2, the secondary current from S1 to S2 through outside return circuit. High voltage appears if secondary return circuit opens while primary current is flowing by.

LZZBJ9-10C



10kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 12/42/75kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Complex Ratio CT

Model	LZZBJ9-10C1				LZZBJ9-10C2				
Primary Current(A)	Accuracy Index	Burden(VA)	Thermal Dynamic Current(kA)	Dynamic Current(kA)	Accuracy Index	Burden(VA)	Thermal Dynamic Current(kA)	Dynamic Current(kA)	
10-15-20	0.2S/0.2S/0.2S/10P10	10/10/15/15	2.7	4.5	0.2S/0.2S/0.2S/10P10	10/10/15/20	0.5	1.25	
15-20-30			4.2	6.6			1	2.5	
20-30-40			6	9			1.5	3.75	
30-40-50			9	11.5			2	5	
40-50-75			11.3	16.5			3	7.5	
50-75-100			16.8	22			4	10	
75-100-150			24	33			5	12.5	
100-150-200			33.6	45			7.5	18.75	
150-200-300			45	63			21	52.5	
200-300-400			45	80			31.5	80	
300-400-500	0.5S/0.5S/0.5S/10P10	10/10/15/15	45	100	0.5/0.5/0.5/10P10	10/10/15/20	45	112.5	
400-500-600			80	130			63	130	
500-600-800							63	130	
800-1000-1200							80	160	
1200-1500-2000							100	160	
1500-2000-2500							100	160	
2000-2500-3000	100	160							

Note: Special specification upon request, please contact our sales team about right solution.

Dual-Winding CT

Model	LZZBJ9-10C1							LZZBJ9-10C2															
Primary Current(A)	Accuracy Index	Burden(VA)				Thermal Dynamic Current(kA)	Dynamic Current(kA)	Accuracy Index	Burden(VA)				Thermal Dynamic Current(kA)	Dynamic Current(kA)									
		0.2, 0.2S	0.5,0.5S	10P10	10P15				0.2, 0.2S	0.5,0.5S	10P10	10P15											
5	0.2S/10P	10	10	15	10	2	5	0.2S/10P	10	20	20	20	0.5	1.25									
10						4	10						1	2.5									
15						6	15						1.5	3.75									
20						8	20						2	5									
30						12	30						3	7.5									
40						16	40						4	10									
50						20	50						5	12.5									
75						32	90						7.5	18.75									
100						0.2/10P	10						15	15	45	112.5	0.2/10P	10	20	20	20	21	52.5
150																						31.5	80
200	0.2S/0.5	0.2S/0.5	0.2/0.5	0.5S/10P	0.5/10P			15	63	130													
300	0.2/0.5																						
400	0.5S/10P																						
500	0.5/10P																						
600	15										63	130											
800																							
1000																							
1200																							
1500																							
2000																							
2500																							
3000																							
3150																							

Note: Special specification upon request, please contact our sales team about your solution.

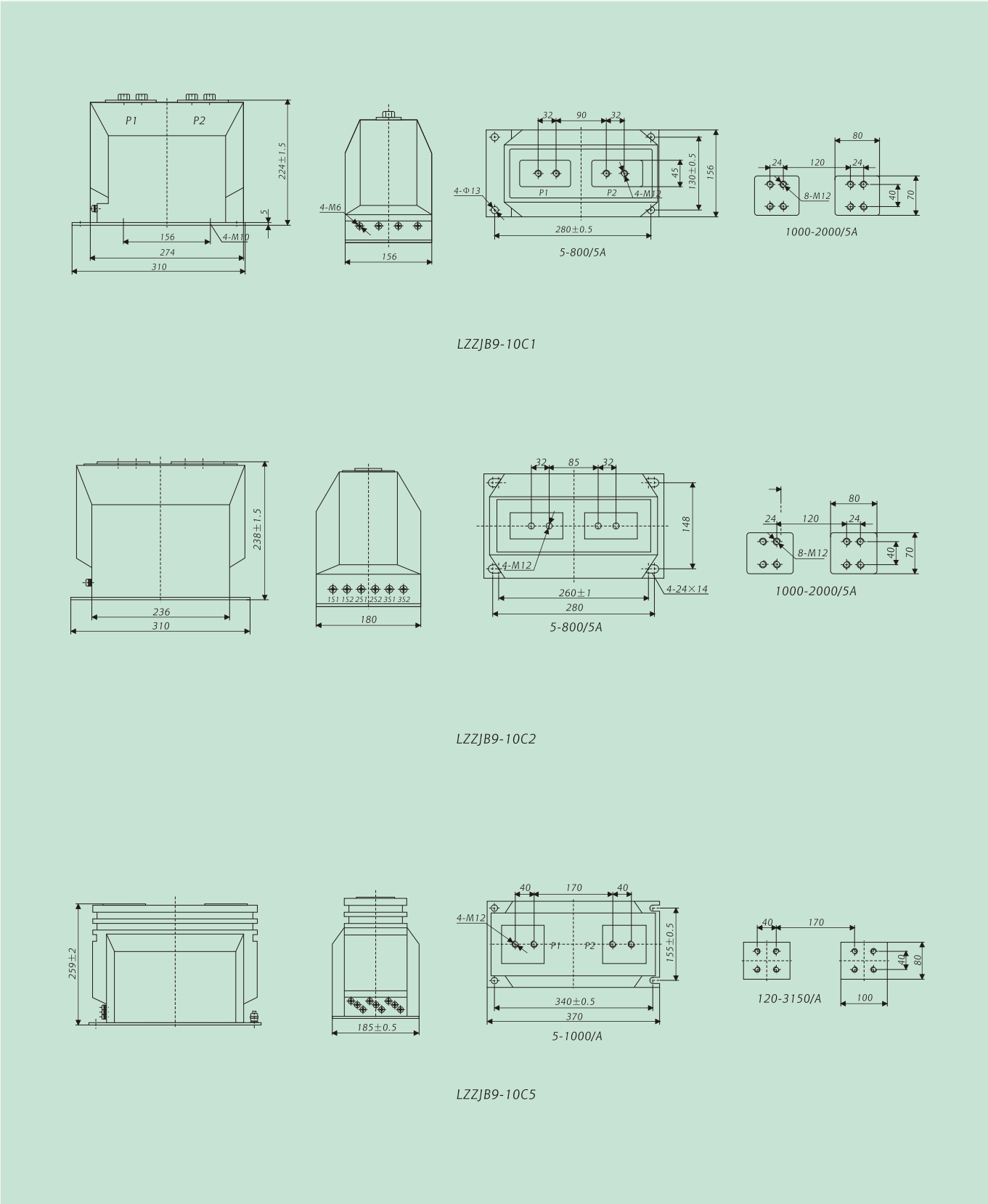
Model	Primary Current(A)	Accuracy Index	Burden			Short-time Thermal Current(kA/S)	Dynamic Current(kA)
			Class: 0.2	Class: 0.5	Class: 10P		
LZZBJ9-10C5	5-300	0.2/0.5	20	40	40	0.5	1.25
	400	0.2/10P20				1	2.5
	500	0.5/10P20				1.5	3.75
	600	0.2/0.5	20	40	40	2	5
	800					3	7.5
	1000					4	10
	1200	0.2/0.5	40	40	40	5	12.5
	1250					7.5	18.75
	1500						
	1600						
	2000					21	52.5
	2500					31.5	80
	3000					31.5	80
	3150						

Note: Special specification upon request, please contact our sales team about your solution.

Model	LZZBJ9-10C1		LZZBJ9-10C2		Short-time Thermal Current(kA)	Dynamic Current(kA)
Primary Current(A)	Accuracy Index & Burden (VA)		Accuracy Index & Burden (VA)			
5, 10, 15, 20 30, 40, 50, 75	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/15	100I in	205I in
100	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/15	21	52.5
150, 200	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/20	31.5	80
300, 400	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/20	45	112.5
500	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/15 20/20/15 20/15/15	63	130
600	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/15 20/20/15 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/20	63	130
800	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/15 20/20/15 20/10/15	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/20	63	160
1000, 1200	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/30/15 30/30/15 30/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/30/20 30/30/20 30/15/20	80	160
1500, 1600	0.2/0.5/5P10 0.5/0.5/5P10 0.5/5P10/5P10	20/30/15 30/30/15 30/10/10	0.2/0.5/5P15 0.5/0.5/10P15 0.5/5P10/5P15	30/40/20 40/40/20 40/15/15	100	160
2000	0.2/0.5/5P10 0.5/0.5/5P10 0.5/5P10/5P10	20/30/15 30/30/15 30/10/10	0.2/0.5/5P15 0.5/0.5/5P15 0.5/5P10/5P15	30/60/30 60/60/30 60/20/20	100	160
2500	0.2/0.5/5P10 0.5/0.5/5P10 0.5/10P10/5P10	20/30/20 30/30/20 30/10/15	0.2/0.5/5P15 0.5/0.5/5P15 0.5/10P10/10P15	30/60/30 60/60/30 60/20/20	100	160
3000, 3150			0.2/0.5/10P15 0.5/0.5/10P15 0.5/5P10/5P15	30/60/20 60/60/20 60/15/15	100	160

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



LZZBJ9-10A1G(A2G)



10kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 12/42/75kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Model	LZZBJ9-10A1G							LZZBJ9-10A2G							
Primary Current(A)	Accuracy Index	Burden(VA)				Thermal Dynamic Current(kA)	Dynamic Current(kA)	Accuracy Index	Burden(VA)				Thermal Dynamic Current(kA)	Dynamic Current(kA)	
		0.2, 0.2S	0.5,0.5S	10P10	10P15				0.2, 0.2S	0.5,0.5S	10P10	10P15			
5/5	0.2S/10P 0.2/10P 0.2S/0.5 0.2/0.5 0.5S/10P 0.5/10P	10	10	15	10	2	5	0.2S/10P 0.2/10P 0.2S/0.5 0.2/0.5 0.5S/10P 0.5/10P	10	20	20	20	0.5	1.25	
10/5						4	10						1	2.5	
15/5						6	15						1.5	3.75	
20/5						8	20						2	5	
30/5						12	30						3	7.5	
40/5						16	40						4	10	
50/5						20	50						5	12.5	
75/5						32	90						7.5	18.75	
100/5						45	112.5						21	52.5	
150/5													31.5	80	
200/5					45								112.5		
300/5															
400/5					15	15	15						63	130	
500/5													20	80	160
600/5							30							30	100
800/5													60		
1000/5							30							60	
1200/5													30		60
1500/5							30							60	
2000/5													30		60
2500/5	30	60													
3000/5			30	60											
3150/5	30	60													

Tri-Winding CT

Model	LZZBJ9-10C1		LZZBJ9-10C2		Short-time Thermal Current(kA)	Dynamic Current(kA)
Primary Current(A)	Accuracy Index & Burden (VA)		Accuracy Index & Burden (VA)			
5, 10, 15, 20 30, 40, 50, 75	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/15	100I in	205I in
100	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/15	21	52.5
150, 200	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/20	31.5	80
300, 400	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/20	45	112.5
500	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/10 20/20/10 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/15 20/20/15 20/15/15	63	130
600	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/15 20/20/15 20/10/10	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/20	63	130
800	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/15 20/20/15 20/10/15	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/20/20 20/20/20 20/15/20	63	130
1000, 1200	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/30/15 30/30/15 30/10/15	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	10/30/20 30/30/20 30/15/20	80	160
1500, 1600	0.2/0.5/10P10 0.5/0.5/10P10 0.5/10P10/10P10	20/30/15 30/30/15 30/10/10	0.2/0.5/5P15 0.5/0.5/10P15 0.5/5P10/5P15	30/40/20 40/40/20 40/15/15	100	160
2000	0.2/0.5/5P10 0.5/0.5/5P10 0.5/5P10/5P10	20/30/15 30/30/15 30/10/10	0.2/0.5/5P15 0.5/0.5/5P15 0.5/5P10/5P15	30/60/30 60/60/30 60/20/20	100	160
2500	0.2/0.5/5P10 0.5/0.5/5P10 0.5/10P10/5P10	20/30/20 30/30/20 30/10/15	0.2/0.5/5P15 0.5/0.5/5P15 0.5/10P10/5P15	30/60/30 60/60/30 60/20/20	100	160
3000, 3150			0.2/0.5/10P15 0.5/0.5/10P15 0.5/5P10/5P15	30/60/20 60/60/20 60/15/15	100	160

Note: Special specification upon request, please contact our sales team about your solution.

LZZBJ12-10



10kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 12/42/75kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Dual-Winding CT

Primary Current(A)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)	Accuracy Index	Burden(VA)			
				Class: 0.2	Class: 0.5	Class: 5P10,10P10	Class: 5P15,10P15
10-50	200I In	500I In	0.2S/10P 0.2/10P 0.5S/10P 0.5/10P 0.2S/5P 0.2/5P 0.5S/5P 0.5/5P	15	20	30	15
75	21	52.5		15	20	30	15
100	31.5	78		15	20	30	15
150-200	45	112.5		15	20	30	15
300	50	125		15	20	30	20
400	50	125		15	20	40	30
500-630	80	180		15	20	40	30
800-1250	80	180		15	30	60	40
1500-3150	100	200		20	40	60	40

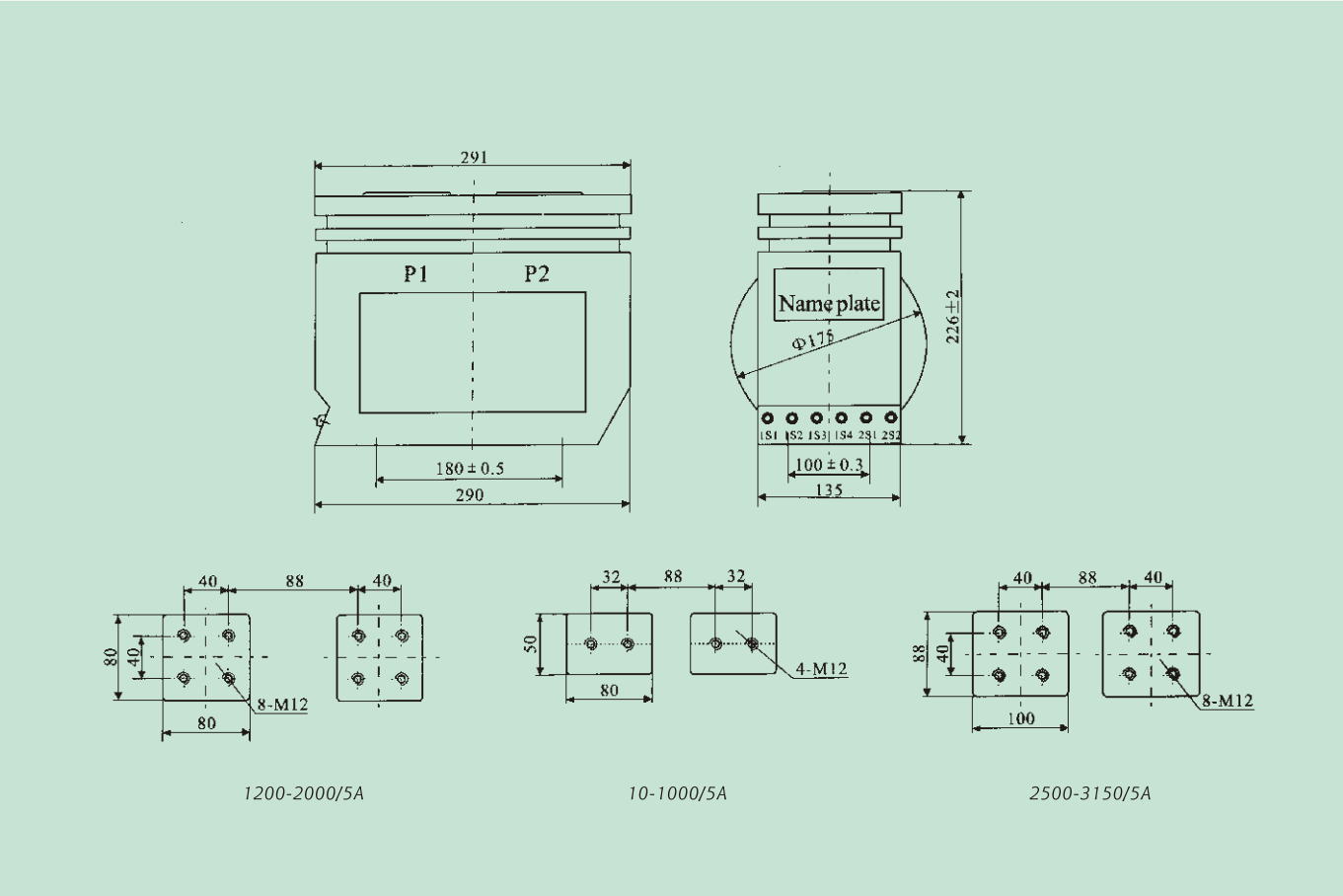
LZZBJ12-10B

Primary Current(A)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)	Accuracy Index	Burden(VA)					
				0.2	0.5	5P10,10P10	5P15,10P15	5P20,10P20	5P30,10P30
50	31.5	78	0.2S/10P 0.2/10P 0.5S/10P 0.5/10P 0.2S/5P 0.2/5P 0.5S/5P 0.5/5P	10		15			
75-100	45	78		10	10	15			
150-200	63	157.5		10	10	15			
300-500	63	157.5		10	10	15	15		
600-1250	80	180		10	15	15	20		
1500-3150	100	200		15	20	15	25	30	15

Tri-Winding CT

Primary Current(A)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)	Accuracy Index	Burden(VA)			
				0.2	0.5	5P10,10P10	5P15,10P15
10-40	150I _{ln}	375I _{ln}	0.2S/10P 0.2/10P 0.5S/10P 0.5/10P 0.2S/5P 0.2/5P 0.5S/5P 0.5/5P	10	15	15	
50-75	8	20		10	15	15	
100	21	52.5		10	15	15	
150	31.5	78.5		10	15	15	
200	40	100		10	15	15	
300-400	45	112.5		15	20	25	15
500	55	130		15	20	25	15
600	55	130		15	20	30	20
800-1250	63	130		20	25	30	20
1500-3150	100	200		20	30	40	30

● DIMENSION



LZZB12-10/150b/2s



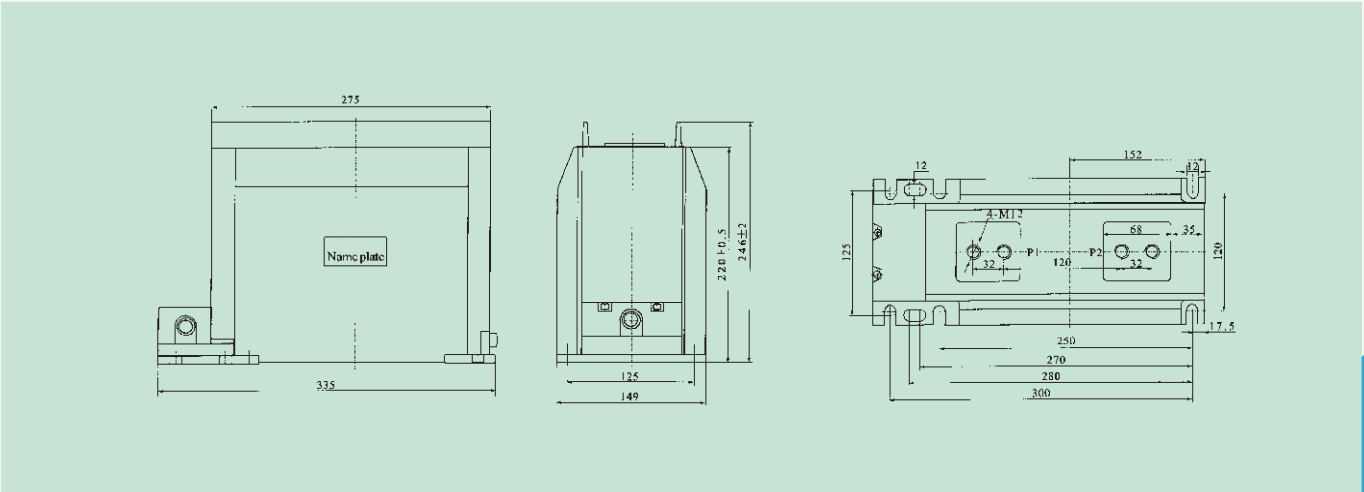
10kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 12/42/75kV
Power Factor: 0.8(Hysteresis)
Secondary Current: 5A

Model	LZZB12-10/150b/2s(Dual-Winding)						LZZB12-10/150b/2s(Tri-Winding)								
Primary Current(A)	Accuracy Index	Burden(VA)			Short-time Thermal Current(kA/S)	Dynamic Current (kA)	Accuracy Index	Burden(VA)			Short-time Thermal Current(kA/S)	Dynamic Current (kA)			
		0.2	0.5	10P10				0.2	0.5	10P10					
20-200	0.2/0.5 0.2/10P10 0.5/10P10	10	15	15	100I _{In}	250I _{In}	0.2/0.5/10P10 0.5/0.5/10P10	10	10	10	100I _{In}	250I _{In}			
300					31.5	80					31.5	80			
400					45	112.5					45	112.5			
500					15	15		15	63	130	15	15	15	63	130
600									80	160				80	160
800									100	160				100	160
1000															
1200															
1250															
1500															
1600															

● DIMENSION



LZZB12-10/150b/4s



10kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 12/42/75kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

LZZB12-10(Q)/175b/2s



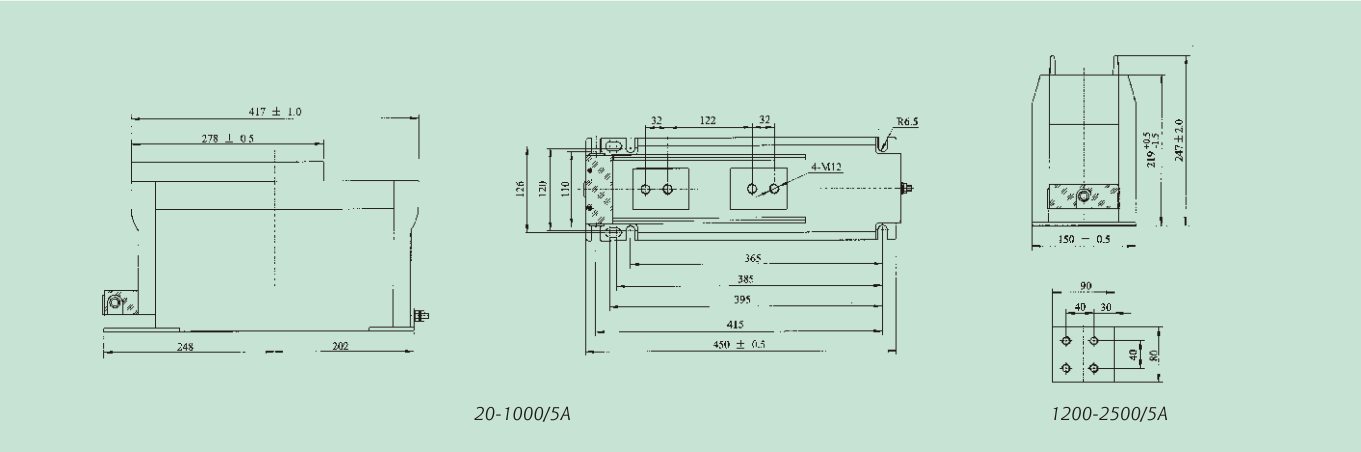
10kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 12/42/75kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Model	LZZB12-10/150b/4s											
Primary Current(A)	Accuracy Index	Burden(VA)			Short-time Thermal Current(kA/S)	Dynamic Current (kA)	Accuracy Index	Burden(VA)			Short-time Thermal Current(kA/S)	Dynamic Current (kA)
		0.2	0.5	10P10				0.2	0.5	10P10		
20	0.2/0.5/10P10 0.2/10P10/10P10 0.5/10P10/10P10 0.2/0.5/10P10/10P10	10	15	15			0.2/0.5/5P10 0.2/5P10/5P10 0.5/5P10/5P10 0.2/0.5/5P10/5P10	15	15	15		
30,40					7/2	22					4.5	11.25
50,60					12/2	38					5/2	16
75					19/2	60					7/2	22
100					24/2	76					8/2	25
160(150)					31.5/3	100					14/2	44
200					31.5/3	100					25/2	80
315(300)											31.5/3	100
400											31.5/3	100
500,630(600)											31.5/3	100
800(750). 1000,1250											31.5/3	100
1600(1500)											31.5/3	100

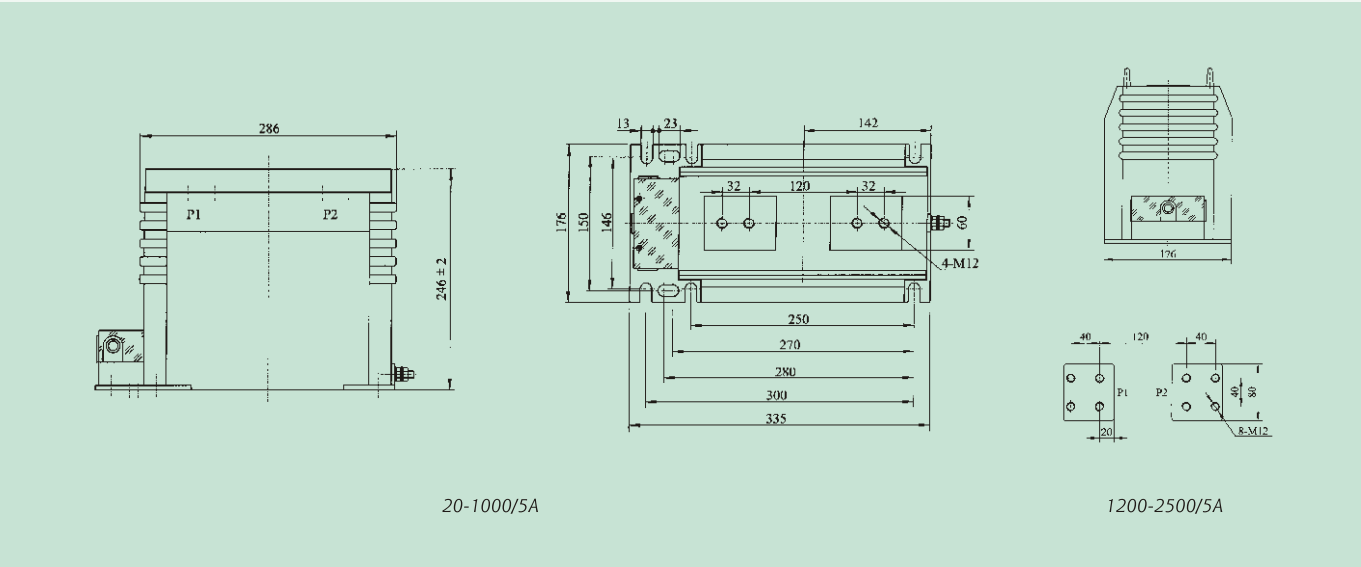
• DIMENSION



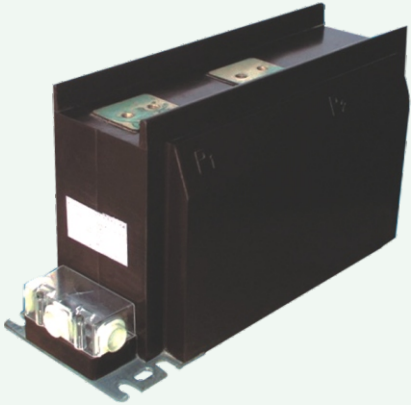
Model	Primary Current(A)	Accuracy Index	Burden(VA)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)
LZZB12-10(Q)175b/2s	250	0.2S/10P10	10/20	45	112.5
		0.5S/10P10	10/20		
		0.2/10P15	10/20	45	112.5
		0.5/10P15	20/20		
	300	0.2S/10P10	10/30	63	130
		0.5S/10P10	10/30		
		0.2/10P15	10/20	45	112.5
		0.5/10P15	20/20		
	400	0.2S/10P10	10/30	63	130
		0.5S/10P10	10/30		
		0.2/10P15	10/20	63	130
		0.5/10P15	20/20		
	500	0.2S/10P10	10/30	63	130
		0.5S/10P10	10/30		
		0.2/10P15	10/20	63	130
		0.5/10P15	20/20		
	600	0.2S/10P10	10/30	80	160
		0.5S/10P10	10/30		
		0.2/10P15	10/20	80	160
		0.5/10P15	20/20		

Model	Primary Current(A)	Accuracy Index	Burden(VA)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)
LZZB12-10(Q)/175b/2s	800	0.2S/10P10	15/30	80	160
		0.5S/10P10	15/30		
		0.2/10P15	15/20	80	160
		0.5/10P15	30/20		
	1000	0.2S/10P10	15/30	80	160
		0.5S/10P10	15/30		
		0.2/10P15	15/20	80	160
		0.5/10P15	30/20		
	1200,1250	0.2S/10P10	15/30	100	160
		0.5S/10P10	15/30		
		0.2/10P15	15/20	100	160
		0.5/10P15	30/20		
	1500,2500	0.2S/10P10	20/30	100	160
		0.5S/10P10	20/30		
		0.2/10P15	30/30	100	160
		0.5/10P15	60/30		
	300,3150	0.2S/10P10	20/30	100	160
		0.5S/10P10	20/30		
	3000,3150(1)	0.2/10P15	30/30	100	160
		0.5/10P15	60/30		
	3000,3150(2)	0.2S/10P15	20/20	100	160
		0.5S/10P15	20/20		

● DIMENSION



LZZB12-10(Q)/175b/4s



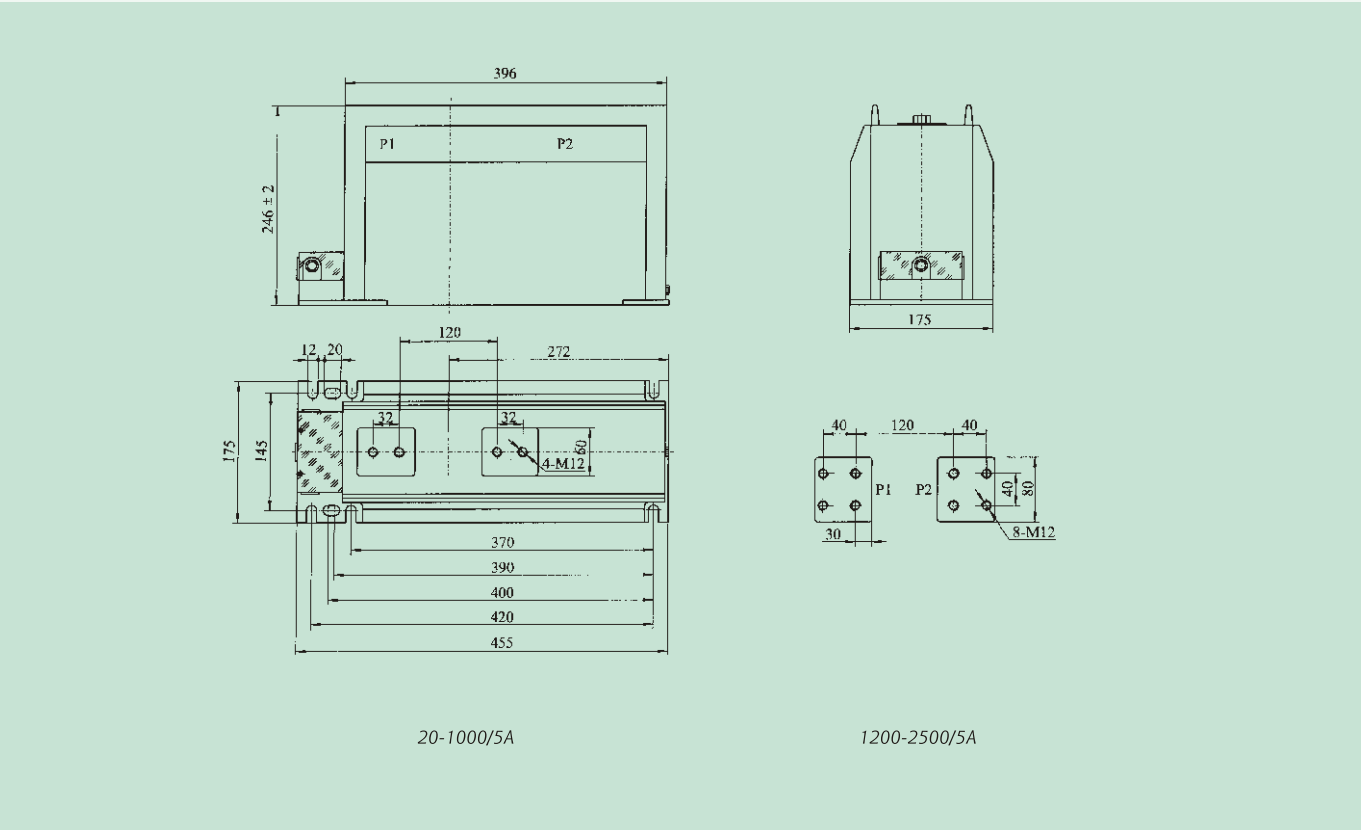
10kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 12/42/75kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Model	Primary Current(A)	Accuracy Index	Burden(VA)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)
LZZB12-10(Q)/175b/4s	20,30,40,50, 75,100	0.2S/0.2/5P10	10/10/40	150I In	375I In
		0.2S/0.5/5P15	10/15/30		
		0.5S/0.5/5P20	10/15/20		
		0.2S/5P10/10P15	10/20/20		
		0.5S/5P10/10P20	10/20/15		
	150,200	0.2S/0.2/5P10	10/10/40	31.5	80
		0.2S/0.5/5P15	10/15/30		
		0.5S/0.5/5P20	10/15/20		
		0.2S/5P10/10P15	10/20/20		
		0.5S/5P10/10P20	10/20/15		
	300,400	0.2S/0.2/5P10	10/10/40	45	112.5
		0.2S/0.5/5P15	10/15/30		
		0.5S/0.5/5P20	10/15/20		
		0.2S/5P10/10P15	10/20/20		
		0.5S/5P10/10P20	10/20/15		
	500	0.2S/0.2/5P10	10/10/40	63	130
		0.2S/0.5/5P15	10/15/30		
		0.5S/0.5/5P20	10/15/20		
		0.2S/5P10/10P15	10/20/20		
		0.5S/5P10/10P20	10/20/15		
	600,800	0.2S/0.2/5P10	10/10/40	63	130
		0.2S/0.5/5P15	10/20/40		
		0.5S/0.5/5P20	10/20/30		
		0.2S/5P10/10P15	10/20/30		
		0.5S/5P10/10P20	10/20/20		

● DIMENSION



35kV

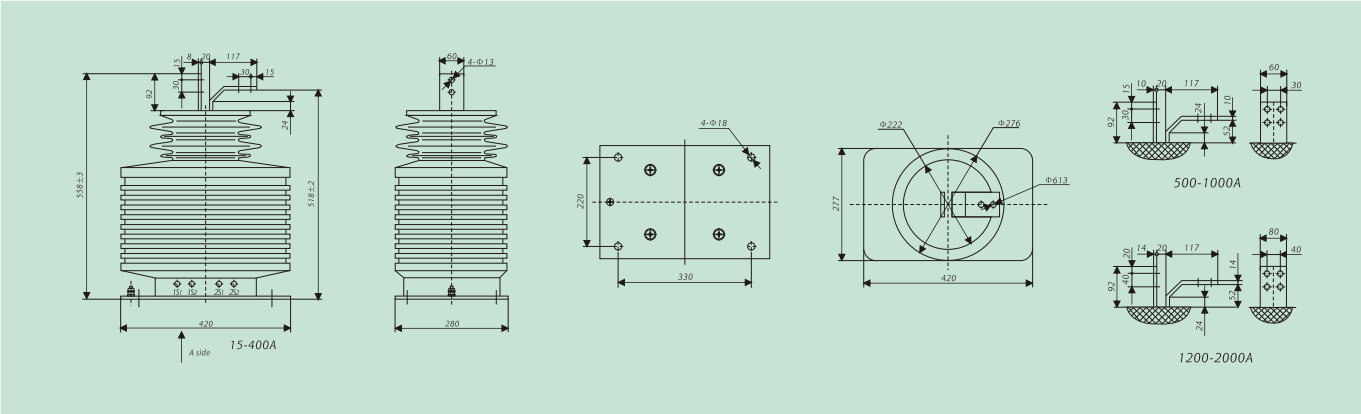
INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 40.5/95/185kV
Power Factor: 0.8(Hysteresis)
Secondary Current: 5A

Model	Primary Current(A)	Accuracy Index	Burden			Short-time Thermal Current(kA/S)	Dynamic Current(kA)
			Class: 0.2	Class: 0.5	Class: 10P		
LZZB7-35Q	5	0.2/0.2 0.2/0.5 0.5/0.5 0.2/10P10 0.5/10P10 0.2S/10P10	10	10	15	0.5	1.25
	10					1.0	2.5
	15					1.5	3.75
	20					2.0	5
	30					3.0	7.5
	40					4.0	10
	50					7.5	18
	75					11	28
	100					15	37.5
	150					22.5	56
	200					30	75
	300-400					63	100
	500~800		15	15	20		
	1000~1250		20	20	25		
	1500-3150					80	130

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



LZZB9-35Q



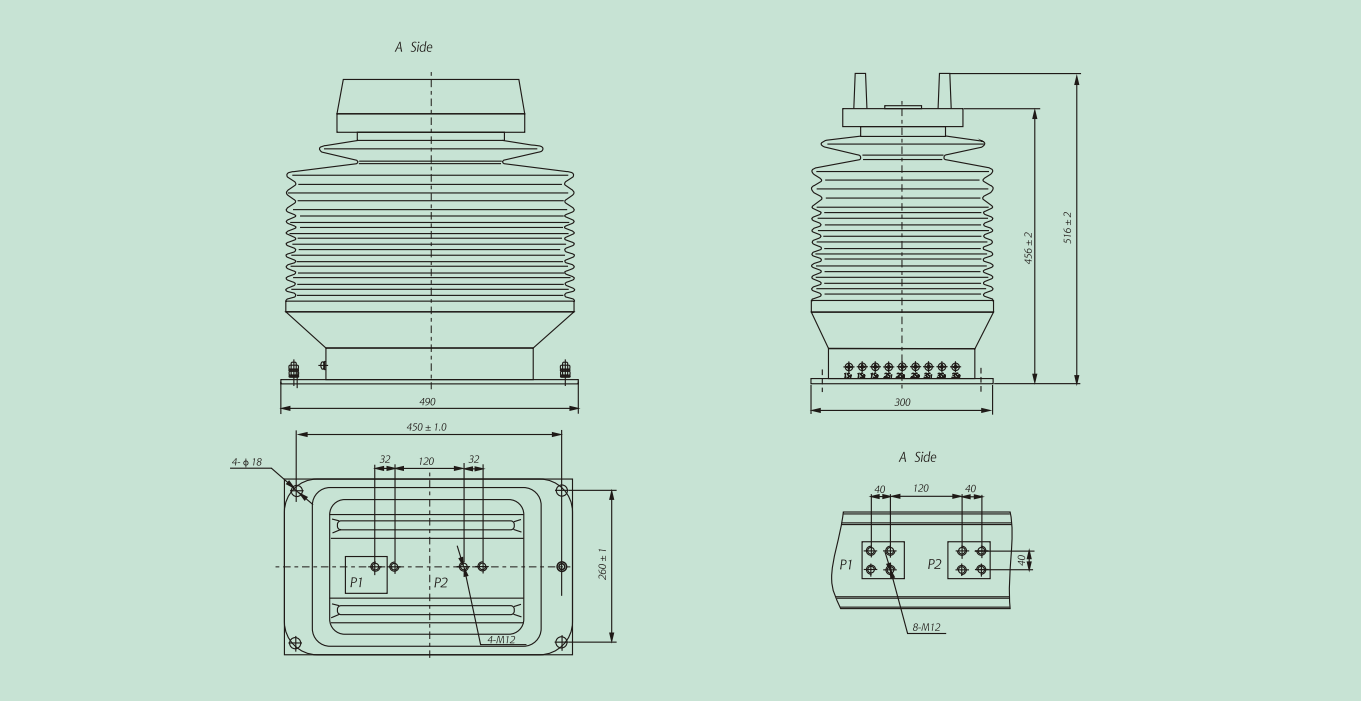
35kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 40.5/95/185kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Model	Primary Current(A)	Accuracy Index	Burden(VA)					Short-time Thermal Current(kA/S)	Dynamic Current(kA)
			0.2,0.2S	0.5	10P10	10P15	10P20		
LZZB9-35Q	30-100	0.2(S)/10P10/10P10	15	15	50	30	20	150I ln/2	375I ln
	150	0.2(S)/10P15/10P15						31.5/1	80
	200	0.2(S)/10P10/10P20						31.5/2	80
	300-500	0.2(S)/10P15/10P20	15	15	50	30	20	31.5/3	80
	600-800	0.5/10P10/10P10						31.5/4	80
	1000-2000	0.5/10P15/10P15	40	50	50	50	30	40/4	100

● DIMENSION



LZZB4-35



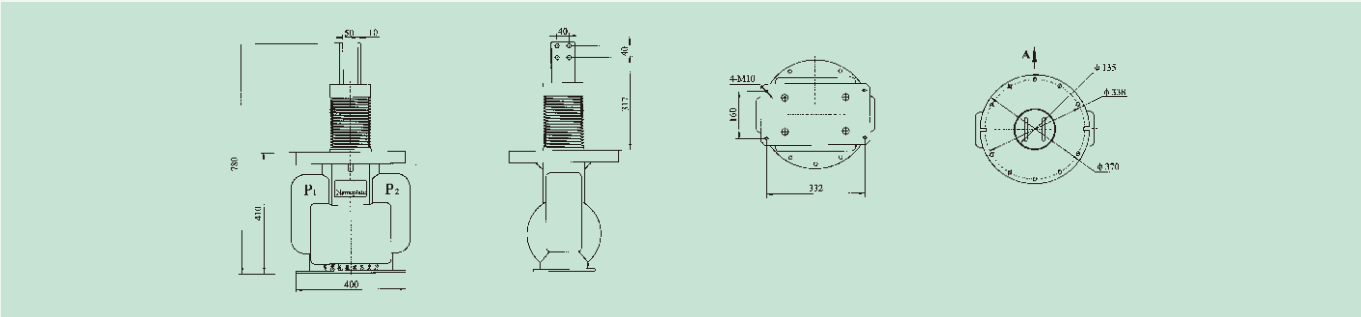
35kV

INDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 40.5/95/185kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Primary Current(A)	Accuracy Index	Accuracy	Burden(VA)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)
50	0.2S/0.5/10P10 0.2/0.5/10P10 0.2S/10P10/10P10 0.2/10P10/10P10 0.5/10P10/10P10 0.2S/0.5/10P10/10P10 0.2/0.5/10P10/10P10 0.2S/10P10/10P10/10P10 0.2/10P10/10P10/10P10 0.5/10P10/10P10/10P10 10P10/10P10/10P10 10P10/10P10/10P10/10P10	0.2S, 0.2	15	3	7.5
		0.5	25		
		10P10	50		
75		0.2S, 0.2	15	5	12.5
		0.5	25		
		10P10	50		
100		0.2S, 0.2	15	8	20
		0.5	25		
		10P10	50		
150		0.2S, 0.2	15	12	30
		0.5	25		
		10P10	50		
200		0.2S, 0.2	15	16	40
		0.5	25		
		10P10	50		
300,400		0.2S, 0.2	15	20	50
		0.5	25		
		10P10	50		
600		0.2S, 0.2	15	31.5	80
		0.5	25		
		10P10	50		
800,1000,1200, 1500,1600		0.2S, 0.2	15	40	100
		0.5	25		
		10P10	50		

● DIMENSION



LZW-10



10kV

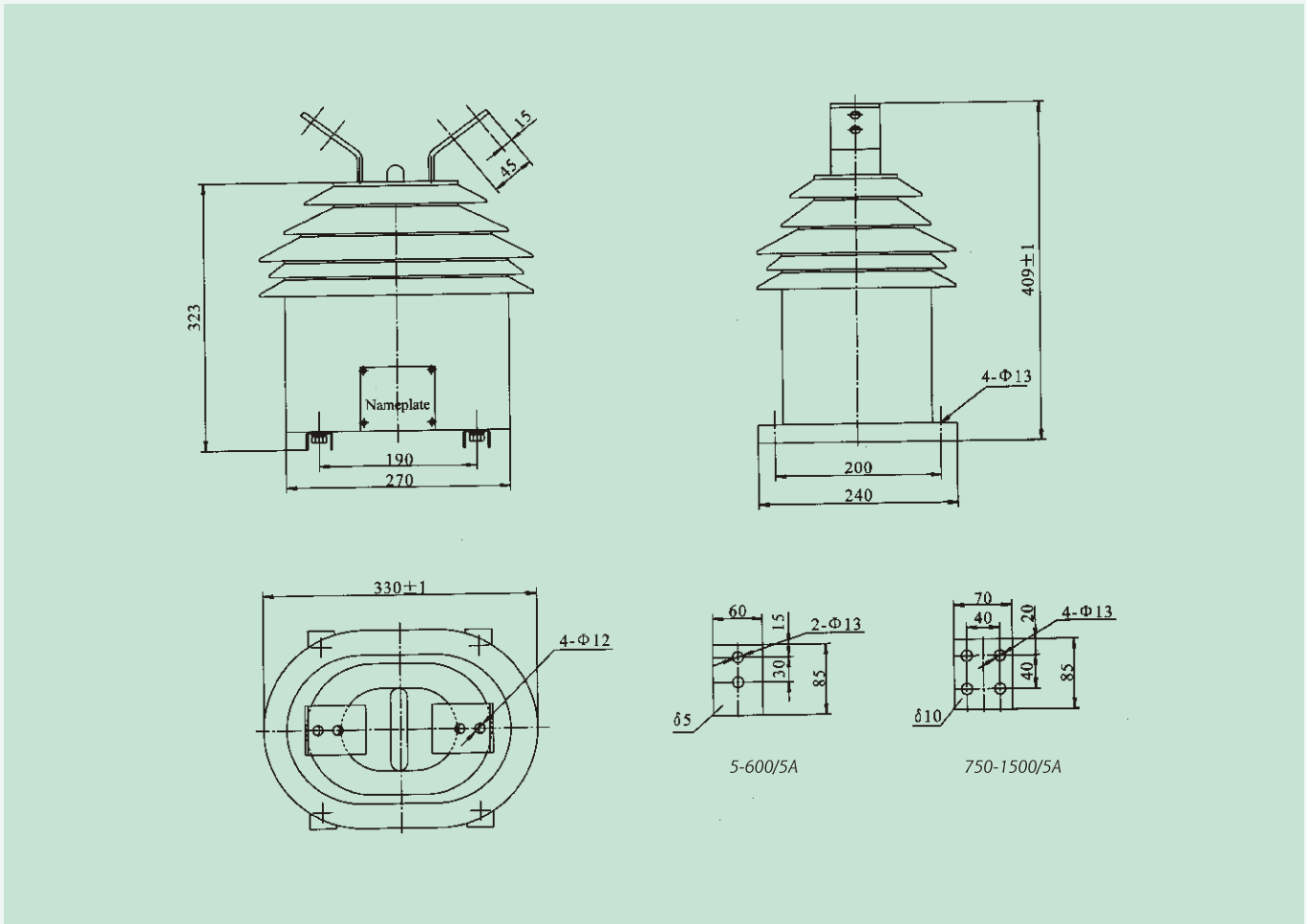
OUTDOOR CAST-RESIN
CURRENT TRANSFORMER

Insulated Level: 12/42/75kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Primary Current(A)	Accuracy Index	Burden(VA)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)
20-40; 40	0.2S/0.5 0.5S/0.5 0.5/0.5 0.2/0.5 0.2/10P10 0.5/10P10 10P10/10P10 10P15/10P15 10P20/10P20 0.2S/0.5/10P10	10/10 10/10 10/10 10/10 10/15 10/15 15/15 10/10 10/10 10/15/15	6.3	15
30-50; 50			7.5	18.75
40-75; 75			15	37.5
50-100; 100			18	45
75-150; 150			25	55
100-200; 200			50	110
150-300; 300			60	130
200-400; 400				
300-600; 600				
400-800; 800			80	160
500-1000; 1000				
1200-1500; 1500				

Complex Ratio				
Primary Current(A)	Accuracy Index	Burden(VA)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)
10-15-20	0.2/0.2 0.2/0.5 0.5/0.5 0.2/10P10 0.5/10P10 0.2S/0.5/10P10	10/10 10/10 10/10 10/15 10/15 10/10/15	2.7	4.5
15-20-30			4.2	6.6
20-30-40			6	9
30-40-50			9	11.5
40-50-75			11.3	16.5
50-75-100			16.8	22
75-100-150			24	33
100-150-200			33.6	45
150-200-300			45	63
200-300-400			45	80
300-400-500			45	100
500-600-800			80	130
600-800-1000			80	130

● DIMENSION



LZZB(J)71-35W2 GY



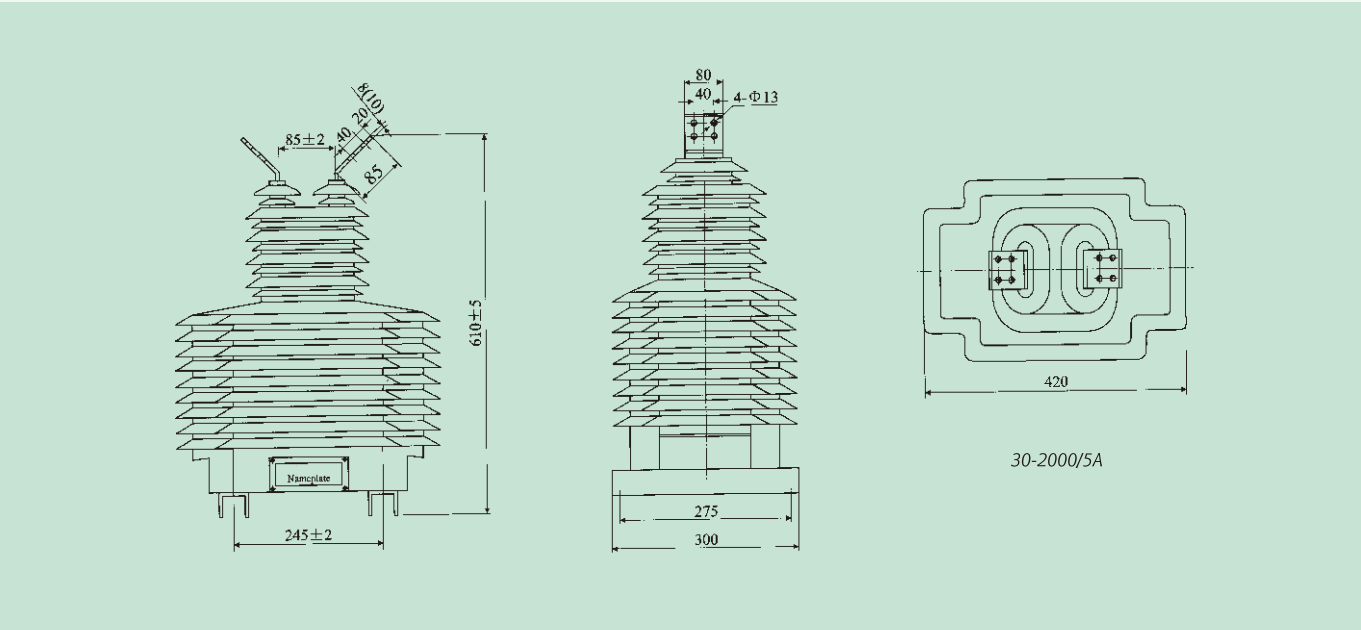
35kV

OUTDOOR CAST-RESIN
CURRENT TRANSFORMER

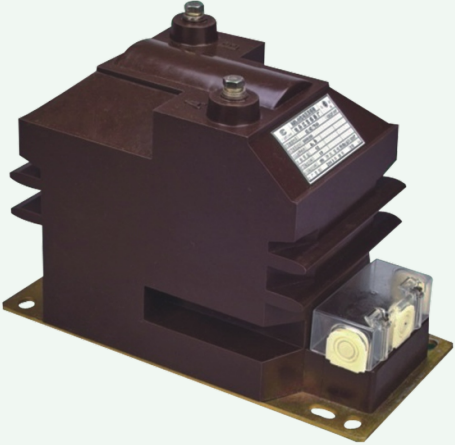
Insulated Level: 40.5/95/185kV
Power Factor: 0.8(Hysterisis)
Secondary Current: 5A

Primary Current(A)	Accuracy Index	Burden(VA)				Short-time Thermal Current(kA/S)	Dynamic Current(kA)
		0.2S	0.2	0.5	10P10		
30-100	0.2/0.2 0.2/0.5 0.5/0.5 0.2/10P10	15	30	30	50	150Ith/2	375Ith/2
150						31.5/1	80
200						31.5/2	80
300-500						31.5/3	80
600-800	0.5/10P10	30	40			31.5/4	80
1000-2000	0.2S/0.5/10P10					40/4	100

● DIMENSION



JDZ10-3、6、10(A、B)



3,6,10kV

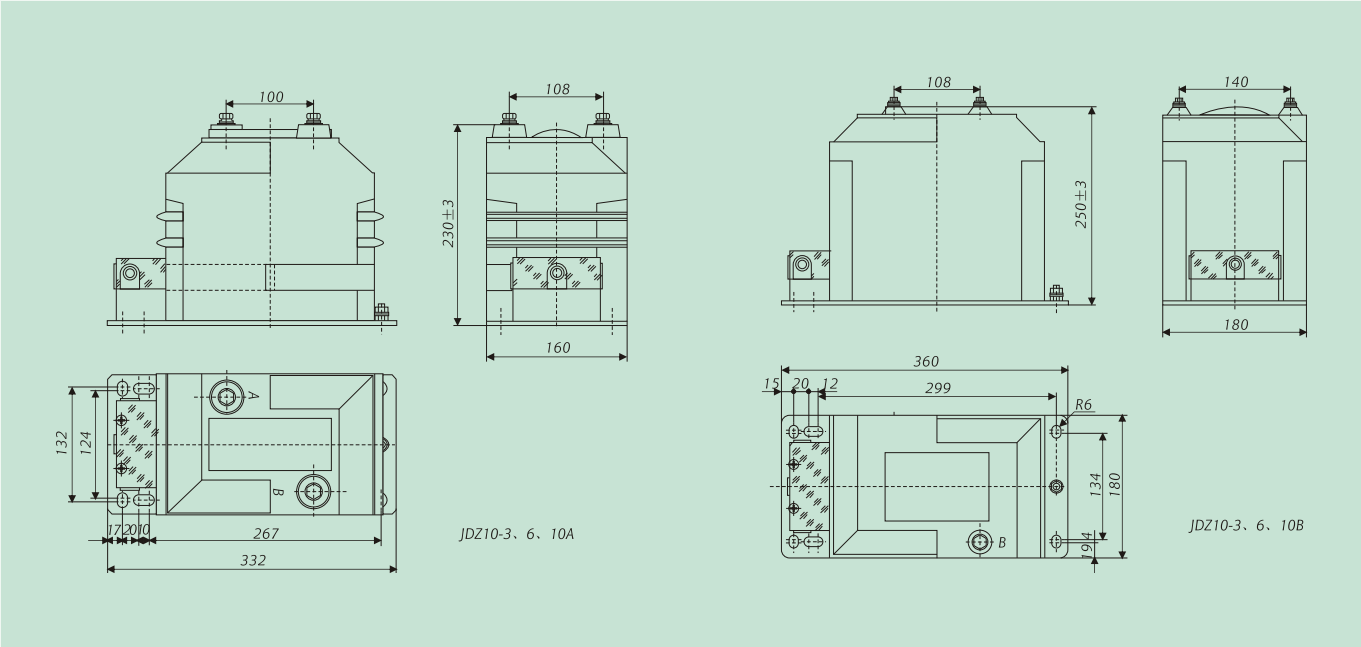
INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Power Factor: 0.8(Hysterisis)

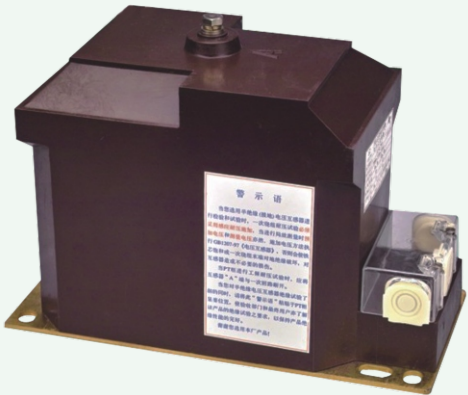
Model	Voltage Ratio(V)	Accuracy Index	Burden(VA)			Ultimate Burden(VA)	Insulated Level(kA)	Remark
			Class: 0.2	Class: 0.5	Class: 1			
JDZ10-3A	3000/100	0.2 0.5	15	30	60	150	3.6/25/40	Same With RZL
JDZ10-6A	6000/100						7.2/32/60	
JDZ10-10A	10000/100						12/42/75	
JDZ10-3B	3000/100	0.2/0.2 0.2/0.5	25	50	90	300	3.6/25/40	
JDZ10-6B	6000/100						7.2/32/60	
JDZ10-10B	10000/100						12/42/75	

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



JDZX10-3、6、10(A、B)



3,6,10kV

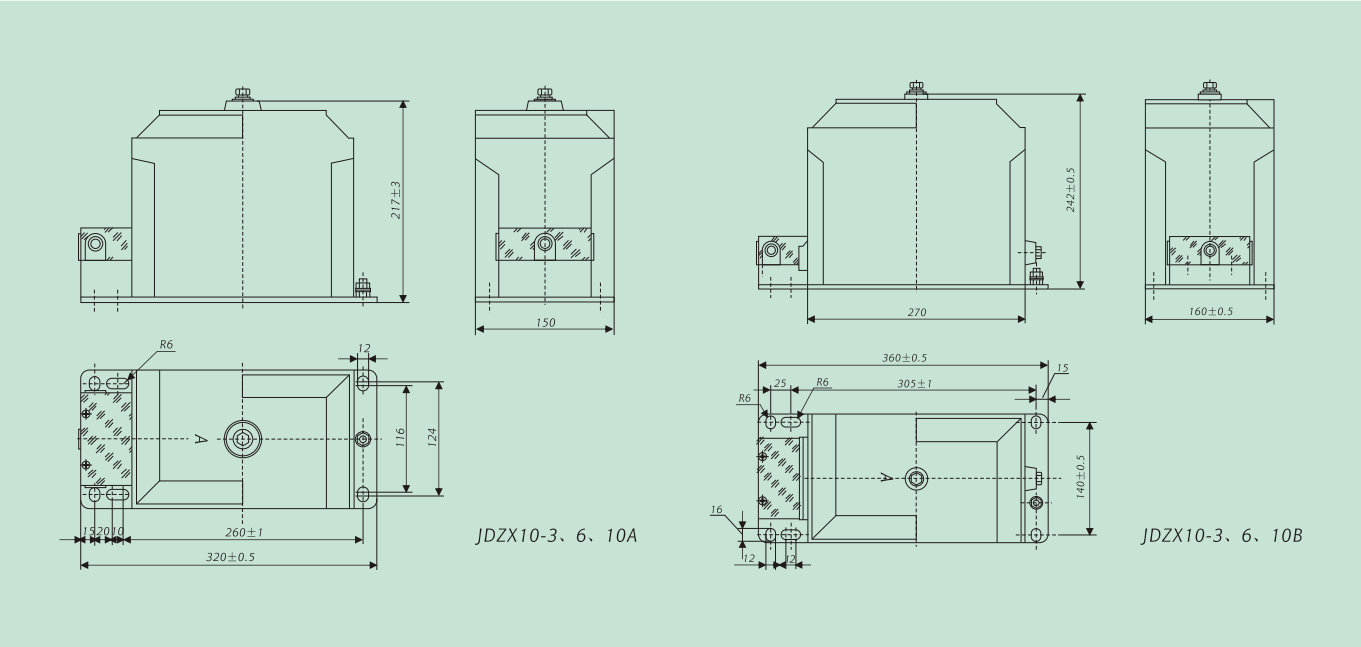
INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Power Factor: 0.8(Hysteresis)

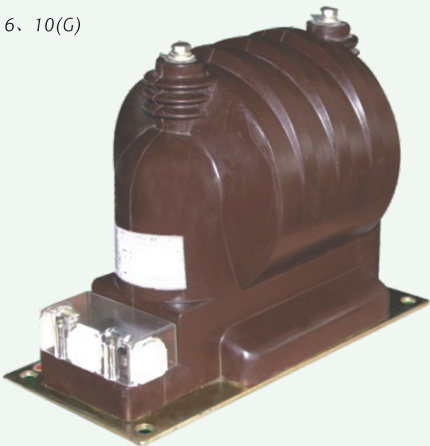
Model	Voltage Ratio(V)	Burden(VA)				Ultimate Burden(VA)	Insulated Level(kA)	Remark
		Class: 0.2	Class: 0.5	Class: 1	Class: 6P			
JDZX10-3A	3000/√3/100/√3/100/3	15	30	60	50	150	3.6/23/40	Same With RZL
JDZX10-6A	6000/√3/100/√3/100/3						7.2/32/60	
JDZX10-10A	10000/√3/100/√3/100/√3/100/3						12/42/75	
JDZX10-3B	3000/√3/100/√3/100/3	20	50	90	50	400	3.6/25/40	
JDZX10-6B	6000/√3/100/√3/100/3						7.2/32/60	
JDZX10-10B	10000/√3/100/√3/100/√3/100/3						12/42/75	

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



LDZ(X)9-3、6、10(G)



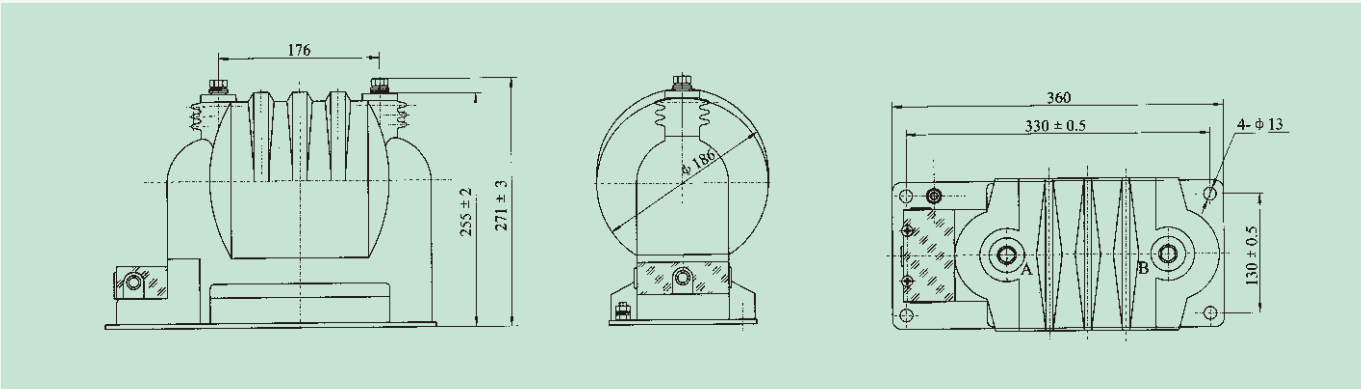
3,6,10kV

INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Power Factor: 0.8(Hysteresis)

Model	Frequency (Hz)	Voltage Ratio(kV)	Accuracy Index	Rated Burden(VA)	Ultimate Burden(VA)	Insulated Level(kV)	Remark
JDZ9-3	50,60	3000/100	0.2	15	200	3.6/25/40	Same with VKV
			0.5	30			
			1	50			
			3	100			
JDZ9-6	50,60	6000/100	0.2	20	400	7.2/32/60	Same with VKV
			0.5	50			
			1	80			
			3	200			
JDZ9-10	50,60	10000/100	0.2	30	500	12/42/75	Same with VKV
			0.5	80			
			1	200			
			3	240			
JDZX9-3G	50,60	3000/√3/100/√3/100/3	0.5/6P	25/100	400	3.6/25/40	
JDZX9-6G		6000/√3/100/√3/100/3				7.2/32/60	
JDZX9-10G		10000/√3/100/√3/100/3				7.2/32/60	
		10000/√3/100/√3/100/√3/100/3	0.2/0.5/6P	20/25/50			

● DIMENSION



LDZX(F)9-3、6、10



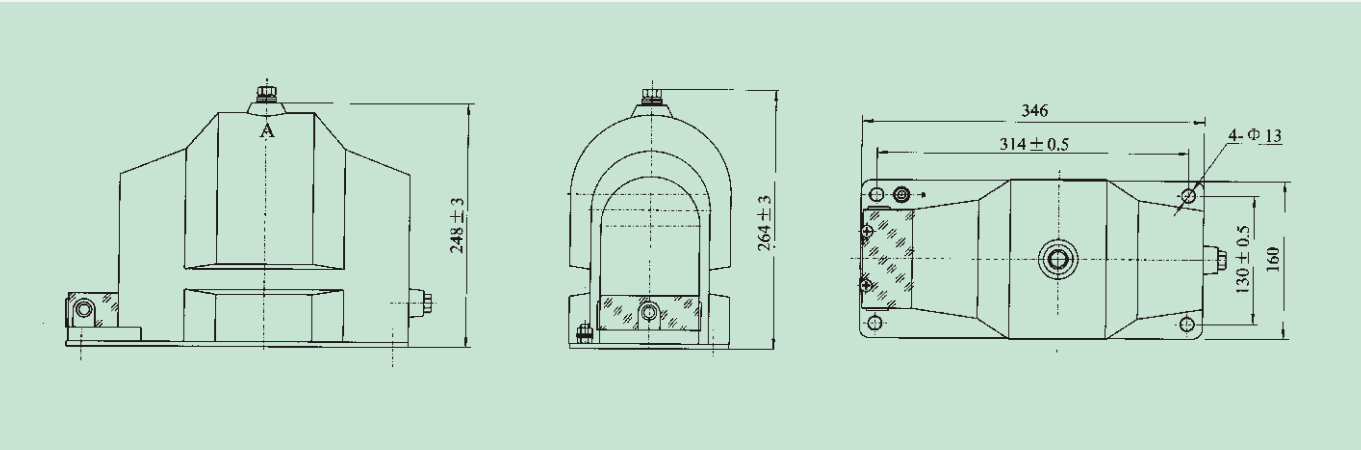
3,6,10kV

INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Power Factor: 0.8(Hysterisis)

Model	Voltage Ratio(kV)	Accuracy Index	Rated Burden(VA)	Ultimate Burden(VA)	Insulated Level(kV)
JDZX9-3	3√3/0.1√3/0.1/3	0.2/6P 0.5/6P 1/6P	15/50 30/50 50/50	400	3.6/10/40
JDZX9-6	6√3/0.1√3/0.1/3	0.2/6P 0.5/6P 1/6P	15/50 30/50 50/50		7.2/20/60
JDZX9-10	10√3/0.1√3/0.1/3	0.2/6P 0.5/6P 1/6P	20/100 50/100 80/100		12/28/75
JDZXF9-3	3√3/0.1√3/0.1√3/0.1/3	0.2/0.2/6P 0.2/0.5/6P 0.5/0.5/6P	15/15/50 15/20/50 30/30/50	400	3.6/10/40
JDZXF9-6	6√3/0.1√3/0.1√3/0.1/3	0.2/0.2/6P 0.2/0.5/6P 0.5/0.5/6P	15/15/100 15/20/100 30/30/100		7.2/20/60
JDZXF9-10	10√3/0.1√3/0.1√3/0.1/3	0.2/0.2/6P 0.2/0.5/6P 0.5/0.5/6P	20/20/100 20/30/100 30/30/100		12/28/75

• DIMENSION



JDZ(X)11-3、6、10(A、G)



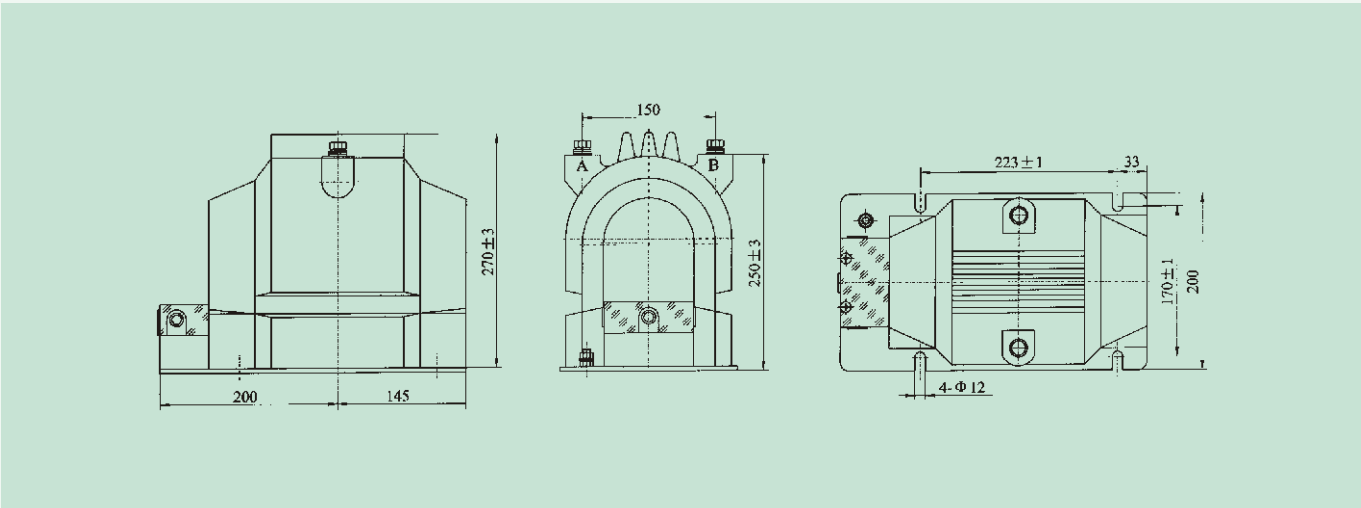
3,6,10kV

INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Power Factor: 0.8(Hysterisis)

Model	Frequency (Hz)	Voltage Ratio(kV)	Accuracy Index	Rated Burden(VA)	Ultimate Burden(VA)	Insulated Level(kV)	Remark
JDZ11-3A	50,60	3/0.1, 3/0.1/0.1	0.2 0.5 1	30 80 150	400	3.6/25/40	Same with UNZ10
JDZ11-6A		6/0.1, 6/0.1/0.1	0.2/0.2 0.2/0.5	20/20 20/30		7.2/32/60	
JDZ11-10A		10/0.1, 10/0.1/0.1				12/42/75	
JDZX11-3G	50,60	3√3/0.1√3/0.1/3	0.2/6P	20/100	300	3.6/25/40	
JDZX11-6G		6√3/0.1√3/0.1/3	0.5/6P	40/100		7.2/32/60	
JDZX11-10G		10√3/0.1√3/0.1/3	1/6P	80/100		12/42/75	
		10√3/0.1√3/0.1√3/0.1/3	0.2/0.5/6P	20/40/100			

• DIMENSION



JDZ(F)8-6、10R



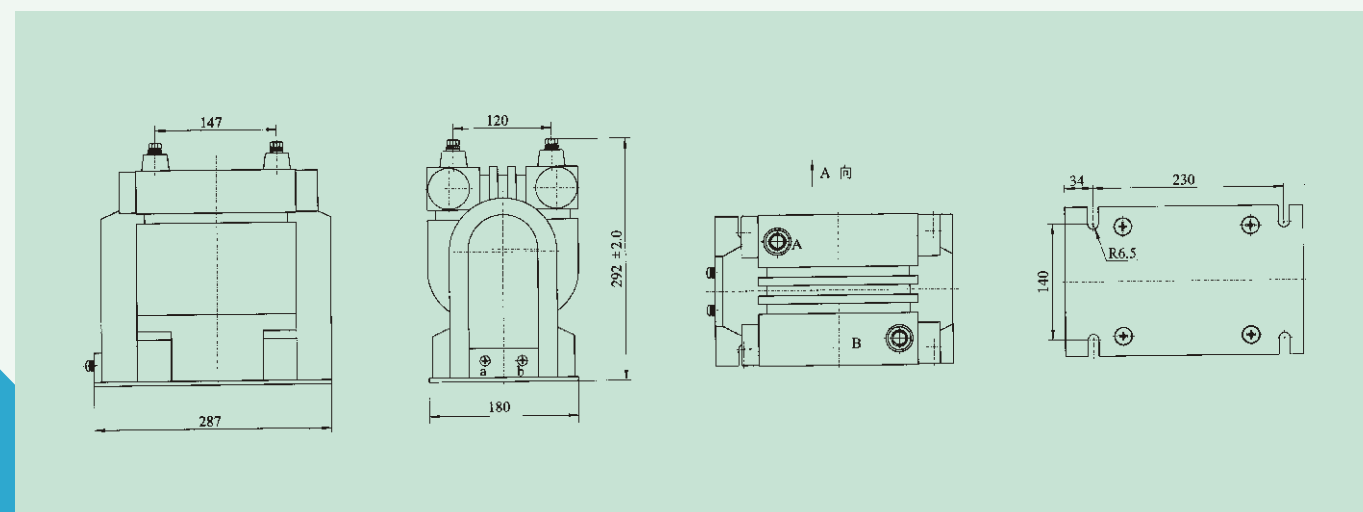
6,10kV

INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

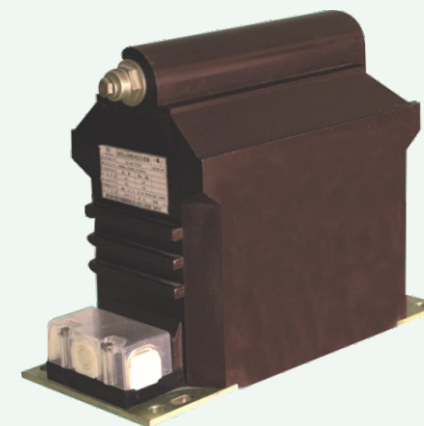
Three Phase With Fuse

Model	Voltage Ratio(kV)	Rated Burden(VA)						Ultimate Burden(VA)	Insulated Level(kV)
		0.2	0.5	1	0.2/0.2	0.2/0.5	0.5/0.5		
JDZ8-6R	6/0.1	20	60	120				400	7.2/32/60
JDZ8-10R	10/0.1	30	80	150					12/42/75
JDZF8-6R	6/0.1/0.1				15/15	15/20	30/50	300	7.2/32/60
JDZF8-10R	10/0.1/0.1				20/20	20/40	40/40		12/42/75

● DIMENSION



JDZX18-6、10R



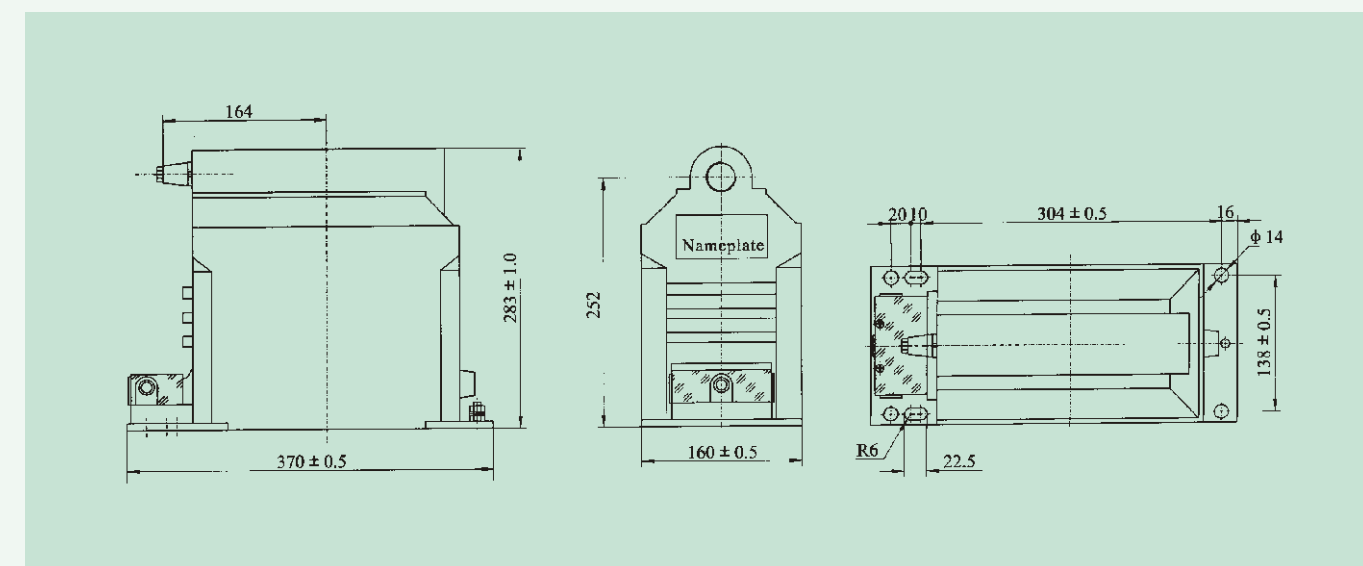
6,10kV

INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

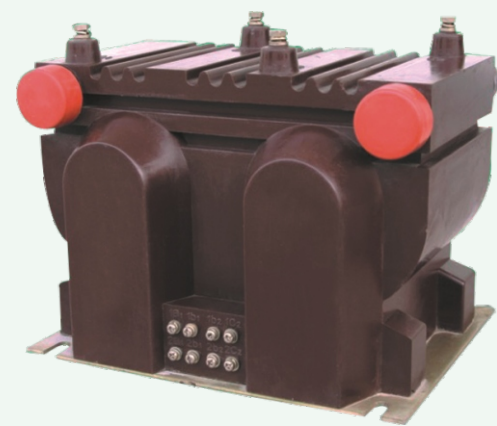
Power Factor: 0.8(Hysteresis)
With Fuse

Model	Voltage Ratio(kV)	Rated Burden(VA)				Ultimate Burden(VA)	Insulated Level(kV)
		0.2	0.5	1级	3P级		
JDZX18-6R	6:√3/0.1:√3/0.1:3	20	40	60	50	400	7.2/20/60
JDZX18-10R	10:√3/0.1:√3/0.1:3	25	50	90	50		12/28/75

● DIMENSION



JSZV1-6、10R



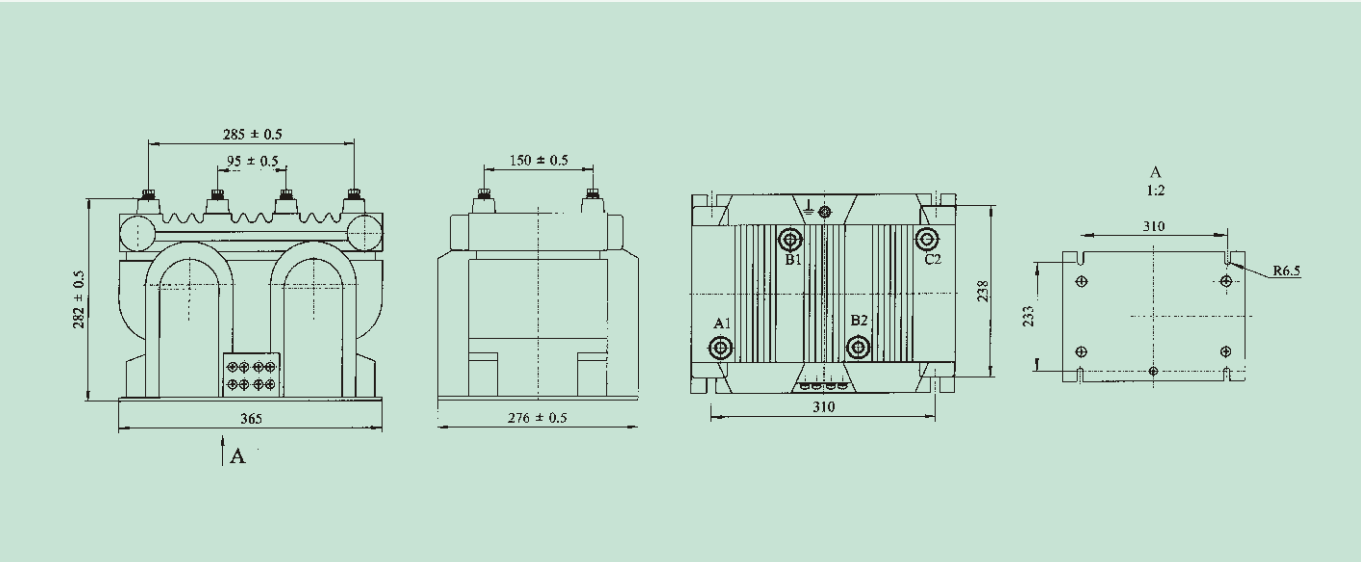
6,10kV

INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Power Factor: 0.8(Hysteresis)
Three Phase With Fuse

Model	Voltage Ratio (kV)	Rated Burden(VA)					Ultimate Burden(VA)	Insulated Level(kV)	Remark
		0.2	0.5	1	0.2/0.2 0.2/0.5	0.5/0.5			
JSZV1-6R	6000/100	20	50	80			800	7.2/32/60	Available for coming with 220V power supply(800VA)
	6000/100/100				20/20	40/40			
JSZV1-10R	10000/100	30	80	150			800	12/42/75	
	10000/100/100				20/20	40/40			

● DIMENSION



JDZ(F)9-35



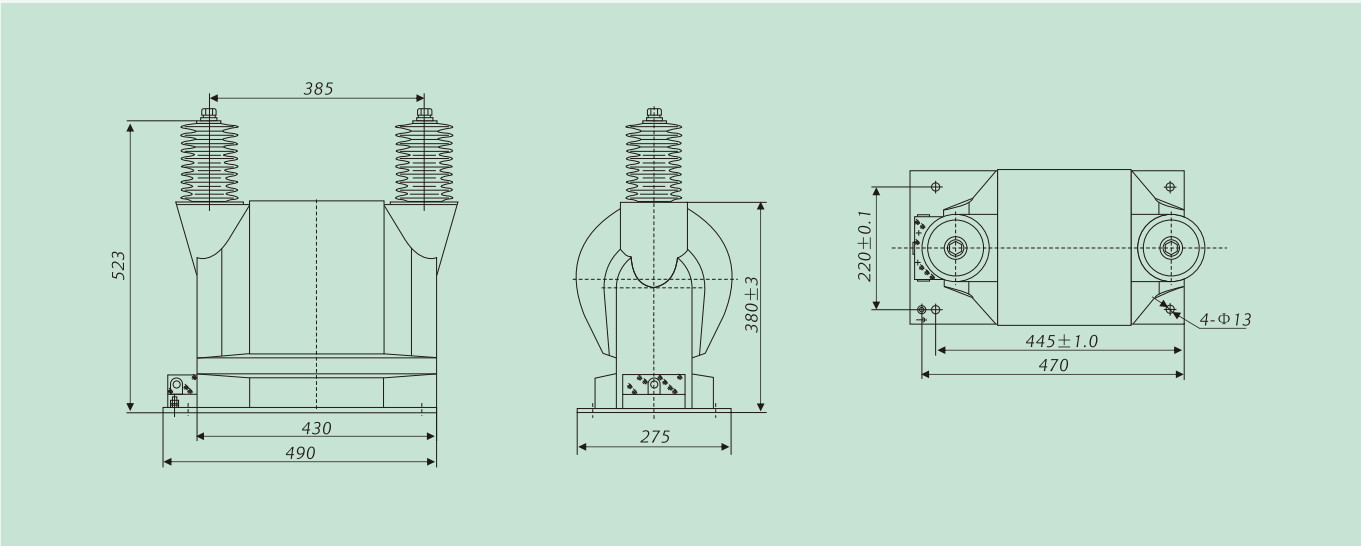
35kV

INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Model	Voltage Ratio(V)	Accuracy Index	Burden(VA)	Ultimate Burden(VA)	Insulated Level(kV)
JDZ9-35	35000/100	0.2	30	1000	40.5/95/185
		0.5	80		
		1.0	120		
JDZF9-35	35000/100/100	0.2/0.5	30/50	600	

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



JDZX(F)9-35



35kV

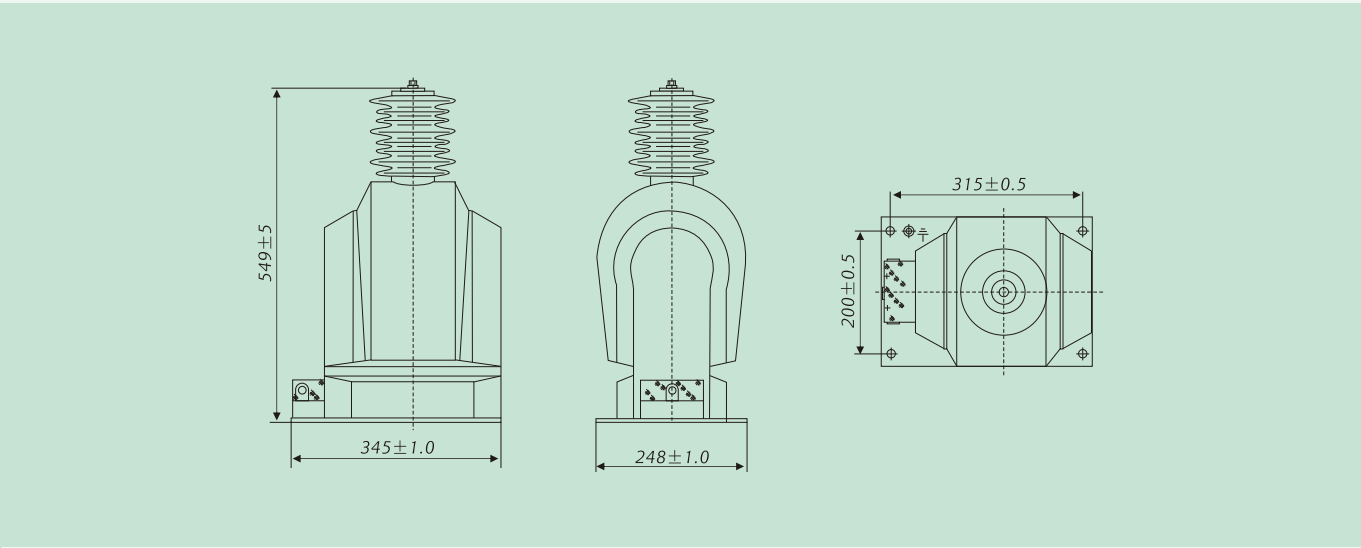
INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Insulated Level: 40.5/80/185kV

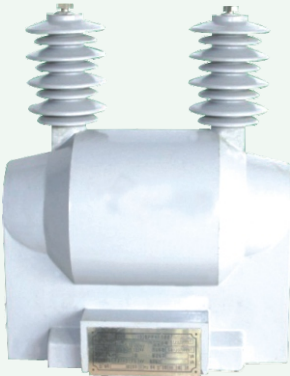
Model	Voltage Ratio(V)	Accuracy Index	Burden(VA)	Ultimate Burden(VA)	Remark
JDZX9-35	35000/√3/100/√3/100/3	0.2/6P	30/100	600	Same with VKI
		0.5/6P	80/100		
JDZXF9-35	35000/√3/100/√3/100/√3/100/3	0.2/0.5/6P	30/50/100	300	

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



JDZ(XF)W-6、10

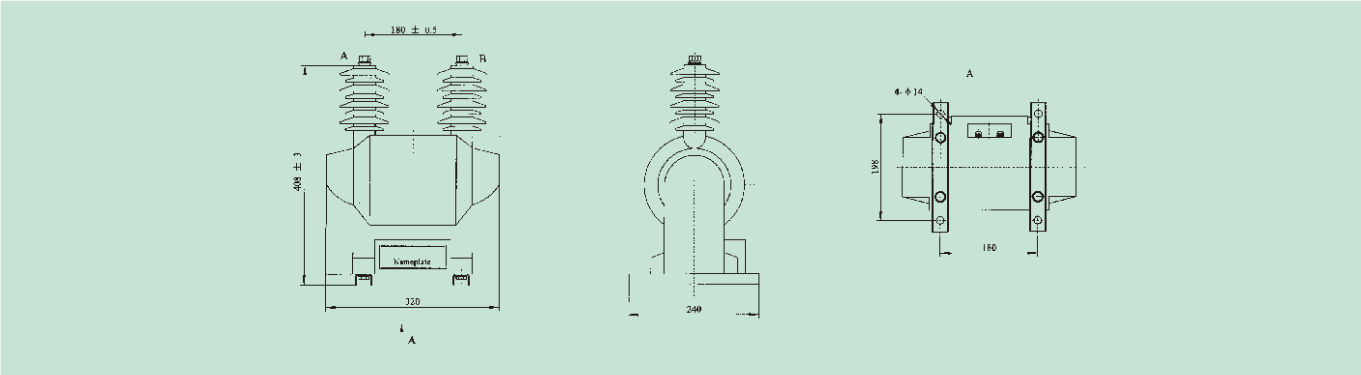


6,10kV

OUTDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Model	Voltage Ratio(kV)	Accuracy Index	Rated Burden(VA)	Ultimate Burden(VA)	Insulated Level(kV)
JDZW-6	6/0.1	0.2 0.5	20 40	400	7.2/32/60
JDZW-10	10/0.1	0.2 0.5	30 80		12/42/75
JDZFW-6	6/0.1/0.1	0.2/0.2 0.2/0.5 0.5/0.5	15/15 15/20 20/20	200	7.2/32/60
JDZFW-10	10/0.1/0.1	0.2/0.2 0.2/0.5 0.5/0.5	25/25 30/50 50/50		12/42/75
JDZXW-6	6/ 3/0.1/ 3/0.1/3	0.2/6P 0.5/6P	30/100 40/100	300	7.2/32/60
JDZXW-10	10/ 3/0.1/ 3/0.1/3	0.2/6P 0.5/6P	25/100 50/100		12/42/75
JDZFW-6	6/ 3/0.1/ 3/0.1/ 3/0.1/3	0.2/0.2/6P 0.2/0.5/6P 0.5/0.5/6P	15/15/100 15/20/100 30/30/100	200	7.2/32/60
JDZFW-10	10/ 3/0.1/ 3/0.1/ 3/0.1/3	0.2/0.2/6P 0.2/0.5/6P 0.5/0.5/6P	20/20/100 20/30/100 30/30/100		12/42/75

● DIMENSION



JDZX(F)W-35W2

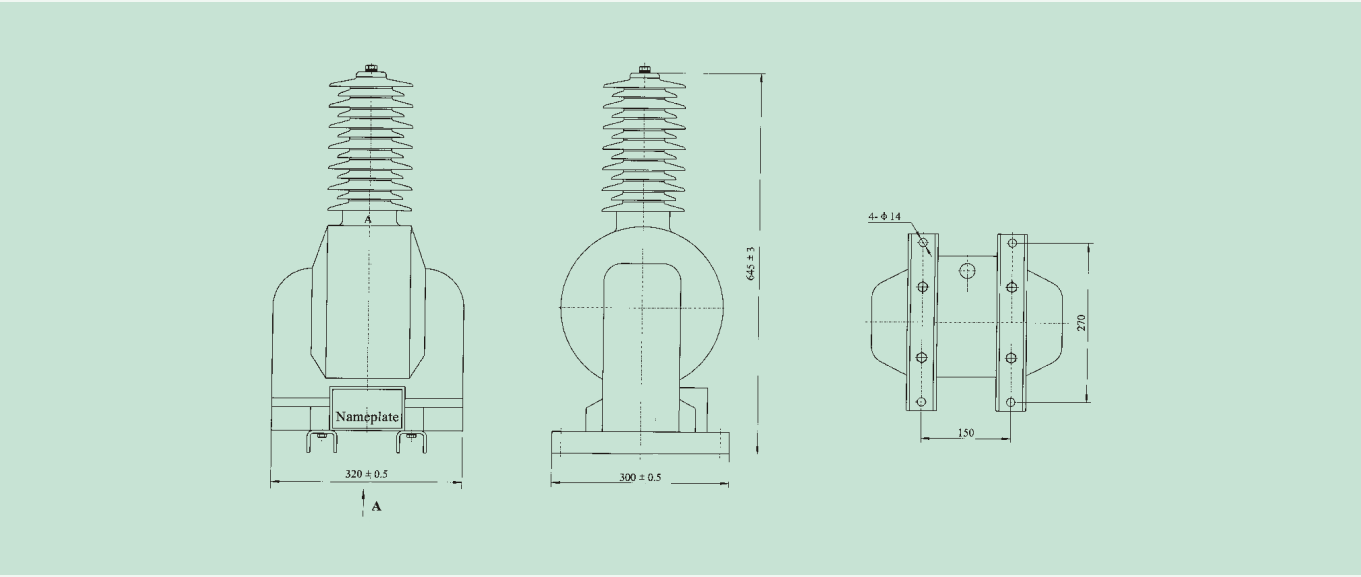


35kV

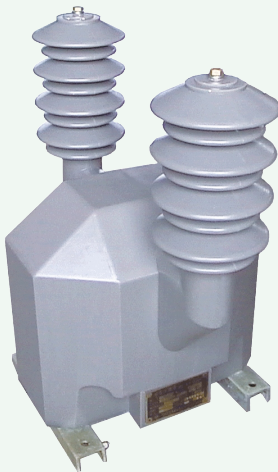
OUTDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Model	Voltage Ratio(kV)	Accuracy Index	Rated Burden(VA)	Ultimate Burden(VA)	Insulated Level(kV)
JDZXW-35W2	$35:\sqrt{3}/0.1:\sqrt{3}/0.1:3$	0.2/6P	30/100	1000	40.5/80/185
		0.5/6P	80/100		
JDZXFw-35W2	$35:\sqrt{3}/0.1:\sqrt{3}/0.1:\sqrt{3}/0.1:3$	0.2/0.2/6P	30/30/100		
		0.2/0.5/6P	30/50/100		
		0.5/0.5/6P	50/50/100		

● DIMENSION



JDZ(F)W-35W2

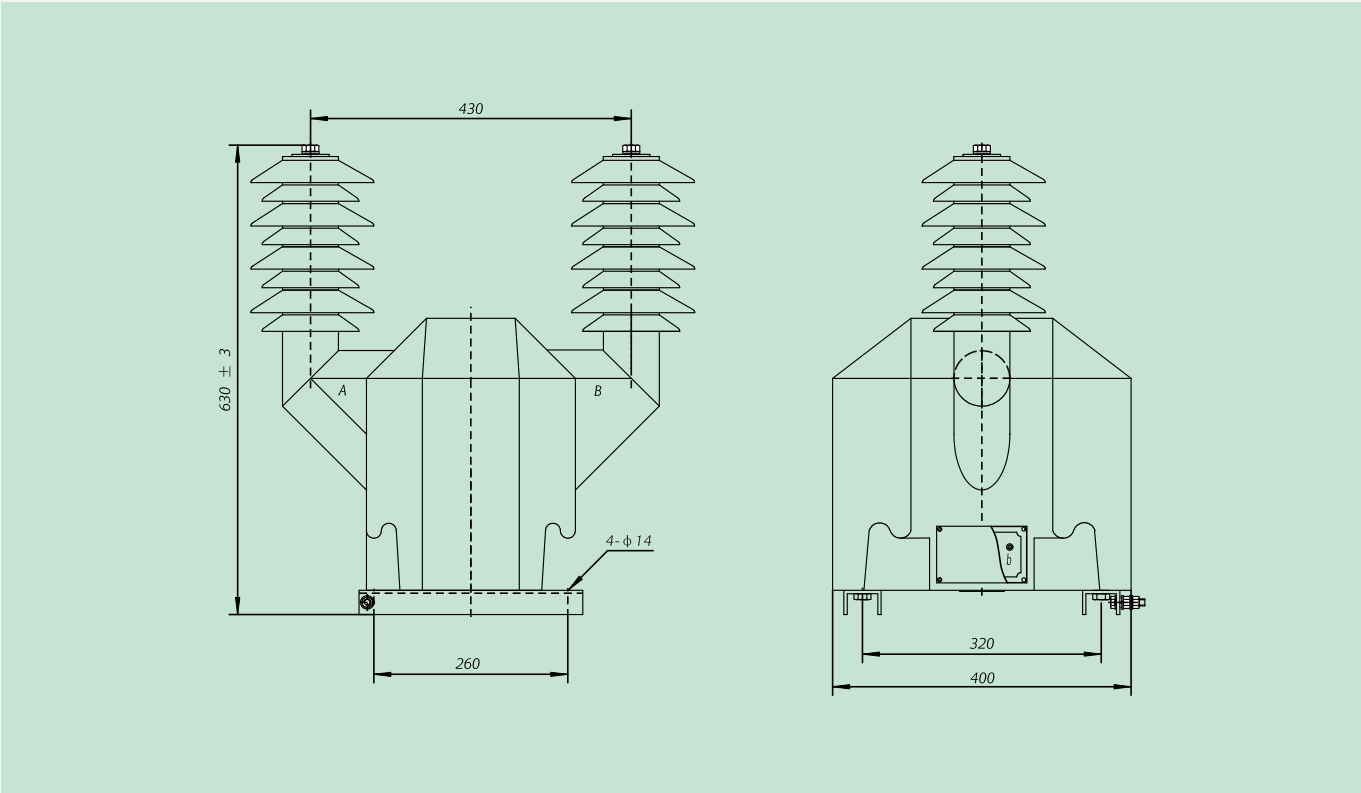


35kV

OUTDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Model	Voltage Ratio(kV)	Accuracy Index	Rated Burden(VA)	Ultimate Burden(VA)
JDZW-35W2	35000/100	0.2	30	1000
		0.5	80	
JDZFW-35W2	35000/100/100	0.2/0.2	30/30	800
		0.2/0.5	30/50	
		0.5/0.5	50/50	

● DIMENSION



JDZ11-20

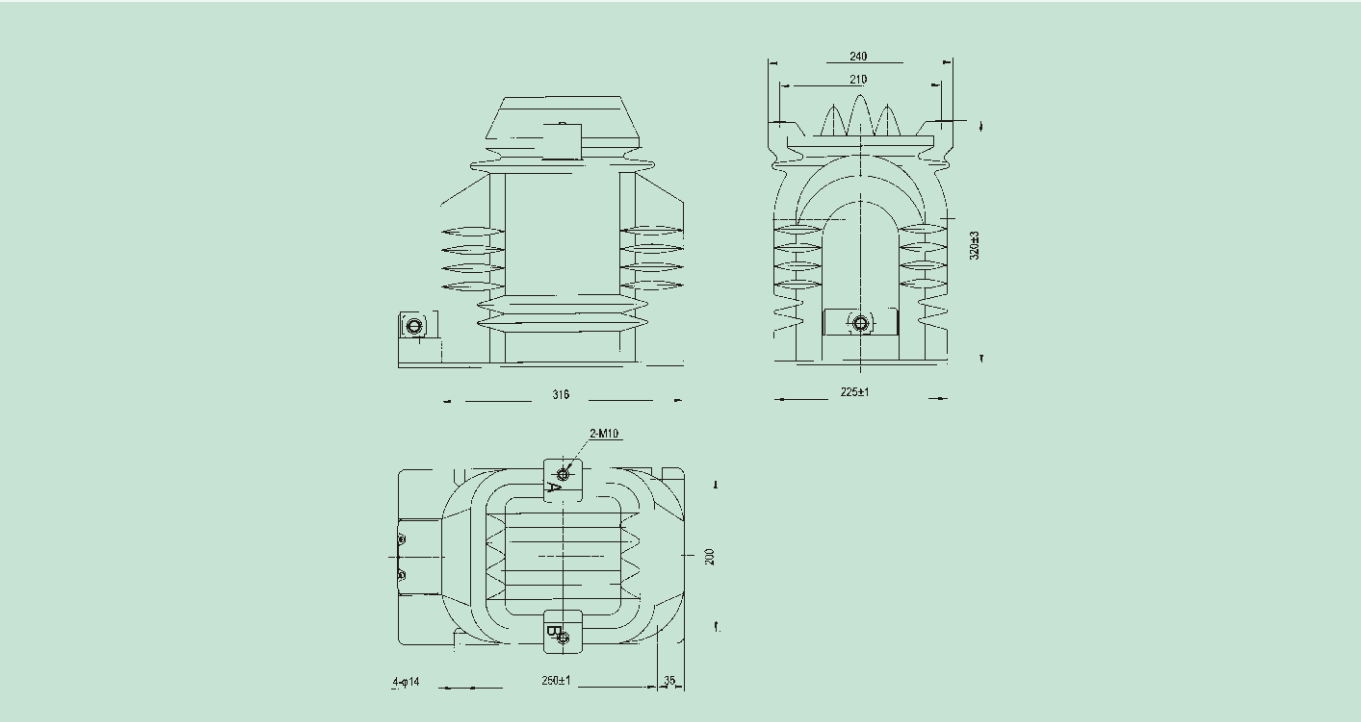


20kV

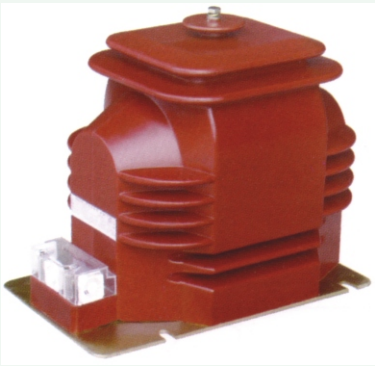
INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Model	Voltage Ratio(kV)	Accuracy Index	Rated Burden(VA)	Ultimate Burden(VA)	Insulated Level(kV)
JDZ11-20	20/0.1	0.2	30	500	24/65/125
		0.5	80		
	20/0.1/0.1	0.2/0.2	20/20	300	
		0.2/0.5	20/30		
		0.5/0.5	30/30		

● DIMENSION



JDZX11-20

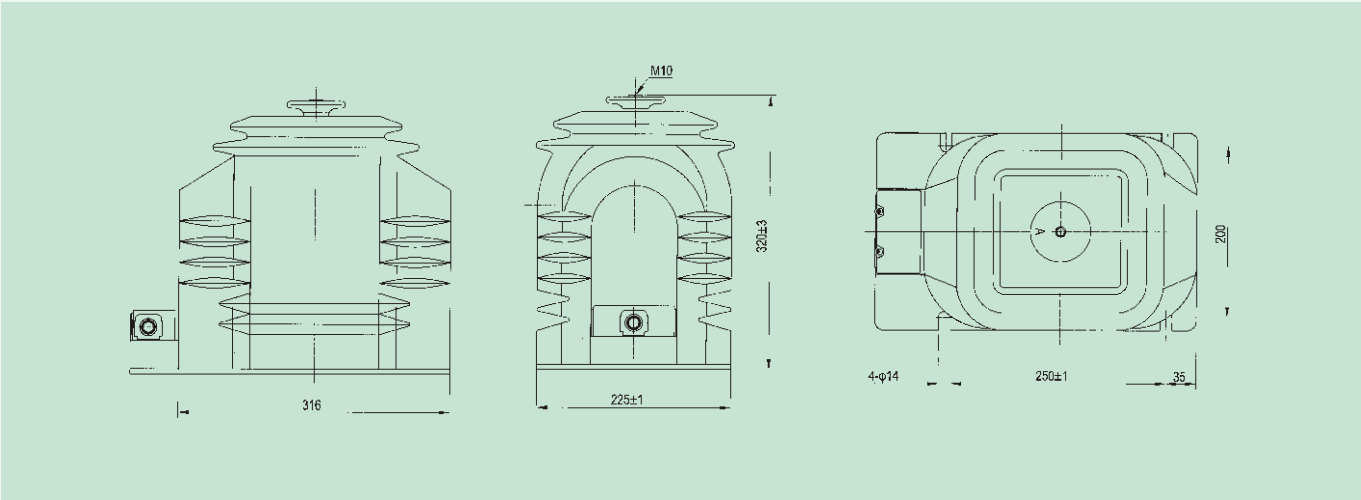


20kV

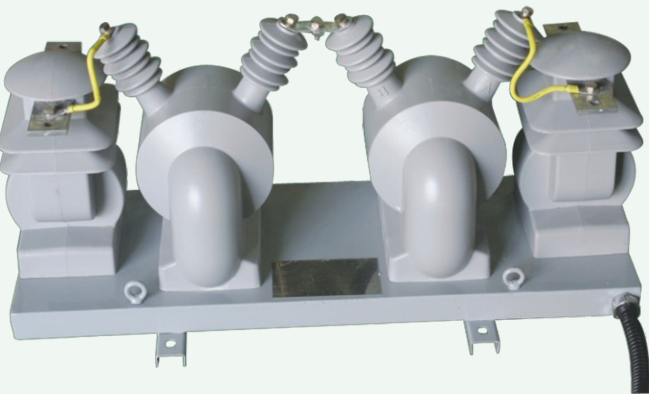
INDOOR CAST-RESIN
VOLTAGE TRANSFORMER

Model	Voltage Ratio(kV)	Accuracy Index	Rated Burden(VA)	Ultimate Burden(VA)	Insulated Level(kV)
JDZX11-20	20/√3/0.1√3/0.1/3	0.2/6P(3P)	30/100	500	24/65/125
		0.5/6P(3P)	80/100		
	5√3/0.1√3/0.1√3/0.1/3	0.2/0.2/6P(3P)	15/15/100	300	
		0.2/0.5/6P(3P)	20/20/100		
		0.5/0.5/6P(3P)	30/30/100		

● DIMENSION



JLSZV-10GY



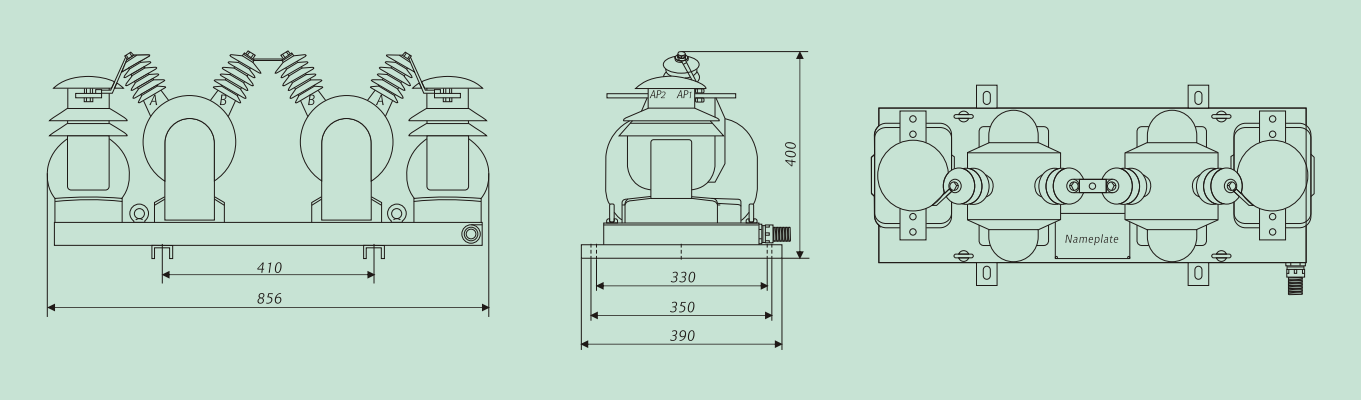
10kV

OUTDOOR CAST-RESIN
COMBINATION TRANSFORMER

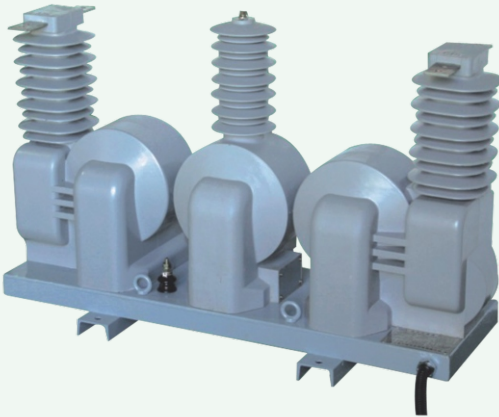
Primary Current(A)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)	Burden(VA)	
			Class: 0.2S, 0.2	Class: 0.5
5-10	1.0	2.5	10	15
10-20	1.5	3.75		
15-30	2.4	6.0		
20-40	3.0	7.5		
30-60	4.5	11		
40-75	8.0	20		
50-100	9.0	22.5		
75-150	12	30		
100-200	16	40		
150-300	24	60		
200-400	32	80		
300-600	60	100		
400-800	80	100		
500-1000	80	100		

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



JLSZY-35W



35kV

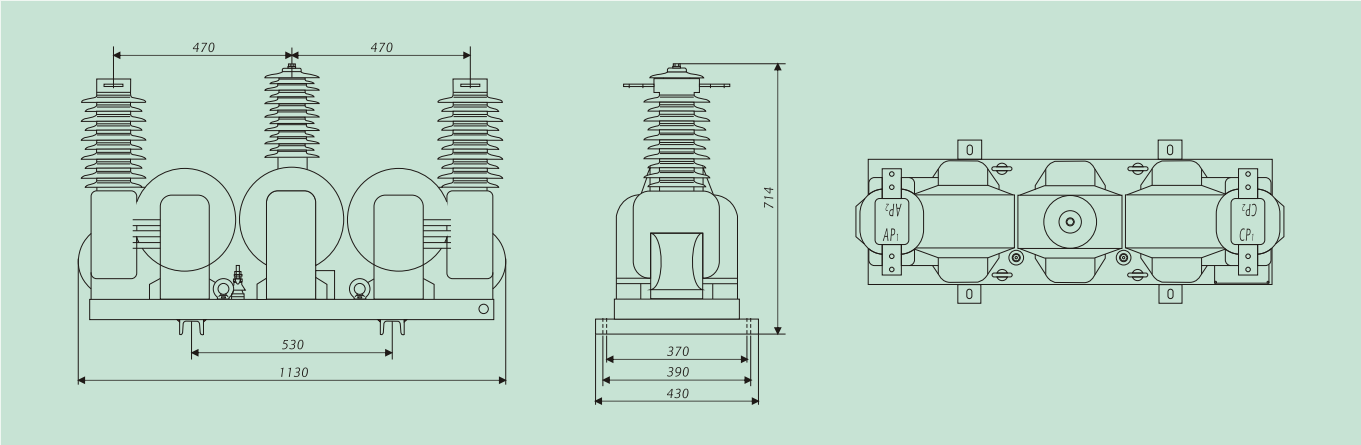
OUTDOOR CAST-RESIN
COMBINATION TRANSFORMER

Three Phase

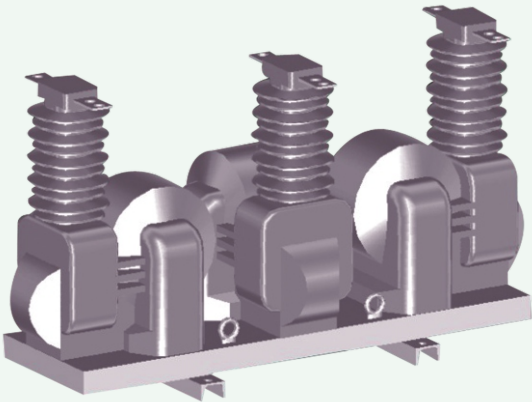
Primary Current(A)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)(Peak Value)	Burden(VA)	
			Class: 0.2S, 0.2	Class: 0.5
5-10	1.0	2.5	15	20
10-20	1.5	3.75		
15-30	2.4	6.0		
20-40	3.0	7.5		
30-60	4.5	11		
40-75	8.0	20		
50-100	9.0	22.5		
75-150	12	30		
100-200	16	40		
150-300	24	60		
200-400	32	80		
300-600	60	100		
400-800	80	100		

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



JLSZY-35W



35kV

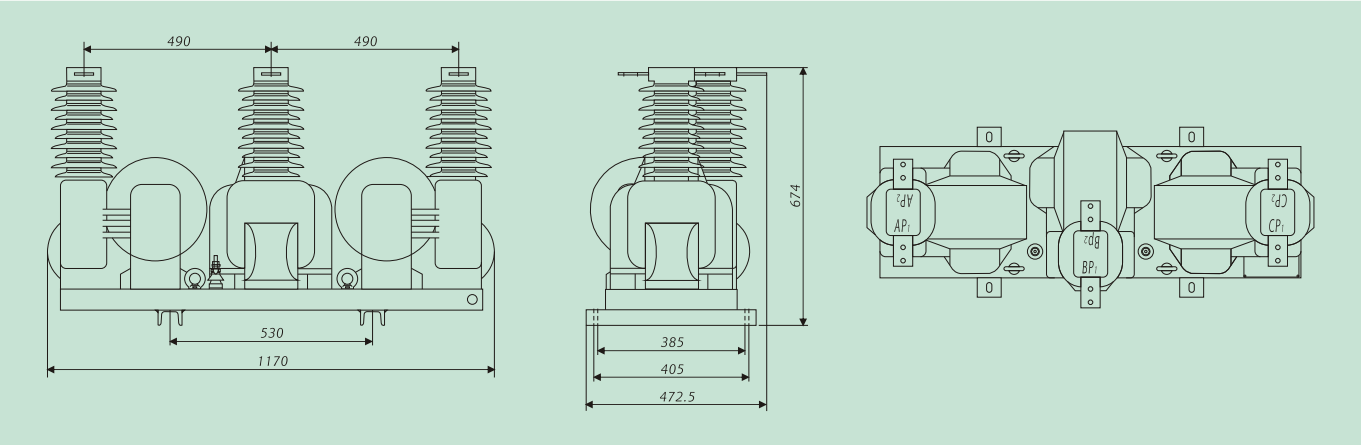
OUTDOOR CAST-RESIN
COMBINATION TRANSFORMER

Three Phase

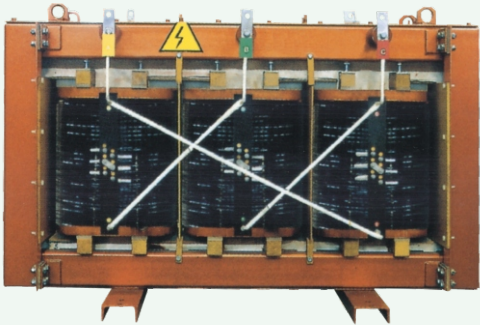
Primary Current(A)	Short-time Thermal Current(kA/S)	Dynamic Current(kA)(Peak Value)	Burden(VA)	
			Class: 0.2S, 0.2	Class: 0.5
5-10	1.0	2.5	15	20
10-20	1.5	3.75		
15-30	2.4	6.0		
20-40	3.0	7.5		
30-60	4.5	11		
40-75	8.0	20		
50-100	9.0	22.5		
75-150	12	30		
100-200	16	40		
150-300	24	60		
200-400	32	80		
300-600	60	100		
400-800	80	100		

Note: Special specification upon request, please contact our sales team about your solution.

● DIMENSION



SC(B)H10



11kV

AMORPHOUS METAL DRY-TYPE
POWER RESIN INSULATION TRANSFORMER

Rated Capacity (kVA)	Voltage Group(kV)		Connection Method	Loss(kW)		No-Load Current(%)	Impedance Voltage(%)	Insulation Level	Weight (Kg)	Outline Dimension (mm)(L×W×H)	Gauge Longitudinal/ Transverse Direction
	High- Voltage	Low- Voltage		No- Load	Load (75℃)						
100	11 10.5 10 6.3 6	0.4	Dyn11 or Yyno	0.013	1.570	0.8	4	F/F	890	950×600×960	550×550
160				0.017	2.100	0.8			1170	1220×600×1060	550×550
200				0.200	2.500	0.7			1400	1270×710×1160	660×660
250				0.230	2.750	0.7			1560	1350×760×1240	660×660
315				0.280	3.460	0.6			1770	1370×870×1260	820×820
400				0.300	3.980	0.6			2180	1460×870×1360	820×820
500				0.360	4.870	0.6	6		2440	1490×870×1430	820×820
630				0.420	5.870	0.5			2850	1760×1120×1490	1070×1070
800				0.480	6.950	0.5			3430	1850×1120×1610	1070×1070
1000				0.550	8.100	0.4			4050	1900×1120×1170	1070×1070
1250				0.660	9.700	0.4			4690	2030×1120×1880	1070×1070
1600				0.750	11.70	0.4			5610	2100×1120×1970	1070×1070
2000				1.040	14.45				5820	2120×1120×1990	1070×1070
2500				1.250	17.17				6730	2190×1120×2110	1070×1070

S(B)H15



11kV

AMORPHOUS METAL
OIL-IMMERSED TRANSFORMER

Rated Capacity (kVA)	Voltage Group (kV)	Low-Voltage	Connection Method	Loss(kW)		No-Load Current (%)	Impedance Voltage (%)	Weight(kg)			Outline Dimension (mm) (L×W×H)	Gauge Longitudinal Transverse Direction
				No-Load	Load (75℃)			Equipment Body Weight	Oil Weight	Gross Werght		
30	11	0.4	Dyn11	0.033	0.600	1.7	4	240	80	410	920×600×980	400×550
50				0.043	0.870	1.3		310	110	510	950×620×1040	400×550
63				0.050	1.040	1.2		350	125	570	990×670×1040	400×550
80				0.060	1.250	1.1		410	135	630	1030×720×1040	400×660
100				0.075	1.500	1.0		475	150	720	1060×770×1070	400×660
125				0.085	1.800	0.9		550	170	830	1060×900×1070	400×660
160				0.100	2.200	0.7		630	190	960	1060×930×1150	400×660
200				0.120	2.620	0.7		670	210	1040	1110×930×1170	550×820
250				0.140	3.050	0.7		750	240	1160	1180×1010×1180	550×820
315				0.170	3.650	0.5		810	264	1240	1180×1010×1180	550×820
400				0.200	4.300	0.5		860	290	1330	1200×1010×1180	550×820
500				0.240	5.150	0.5		950	320	1460	1270×1160×1200	660×1070
630				0.320	6.200	0.3	4.5	1120	380	1860	1450×1240×1330	820×1070
800				0.380	7.500	0.3		1340	410	2230	1520×1380×1460	820×1070
1000				0.450	10.30	0.3		1620	540	2700	1720×1460×1510	820×1070
1250				0.530	12.00	0.2		1900	640	3180	1780×1500×1690	820×1070
1600				0.630	14.50	0.2	5	2560	680	4240	1880×1540×1970	820×1070
2000				0.750	17.40	0.2		2900	980	4920	2080×1580×1970	820×1070
2500				0.900	20.20	0.2		3940	1160	6560	2350×1580×2020	820×1070

Note: tapping range of high-voltage: ±5% or ±2×2.5%; frequency:50Hz

SG(B)10

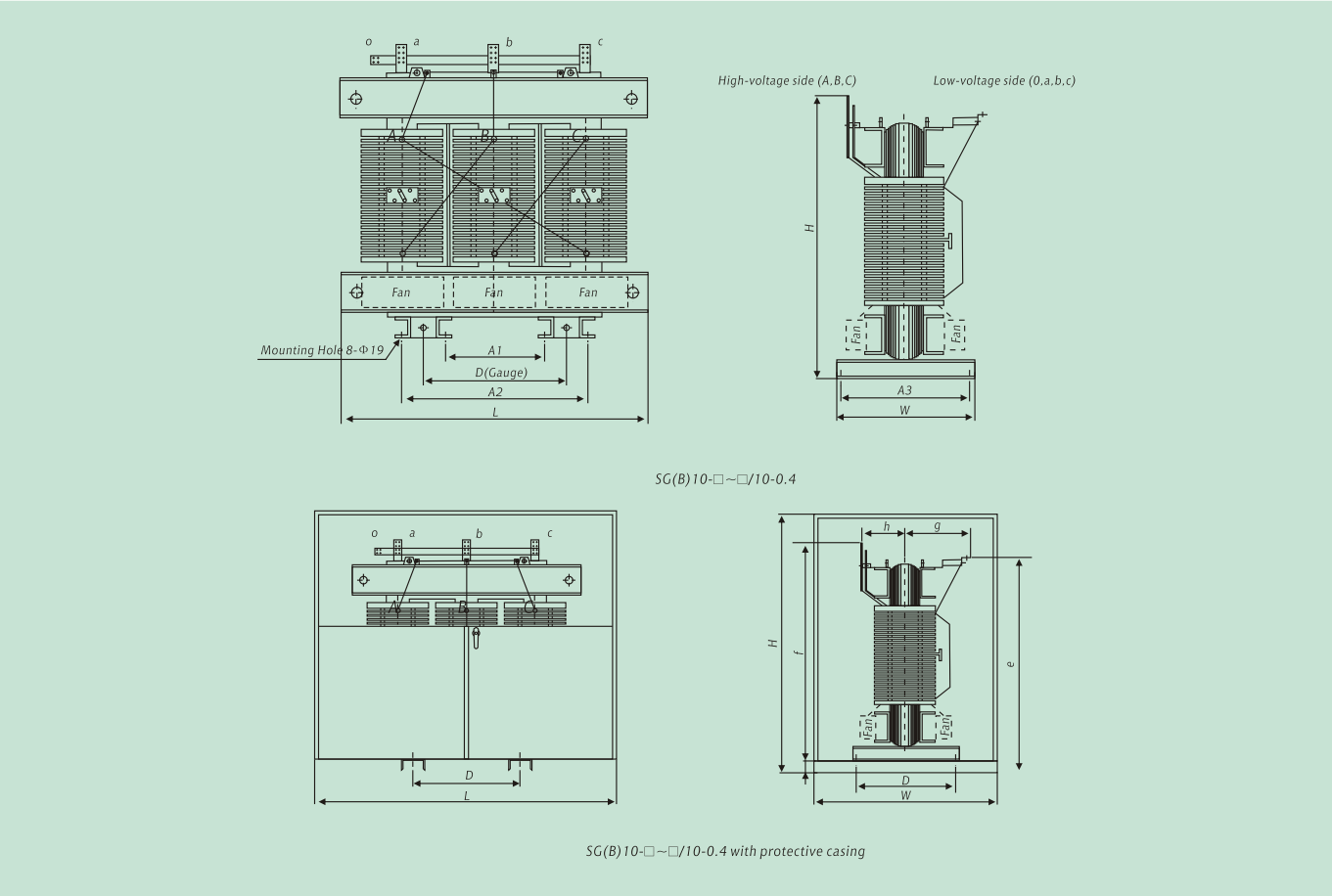


11kV

ENVIRONMENTAL PROTECTION
DRY-TYPE POWER TRANSFORMER

Rated Capacity (kVA)	Voltage Group(kV)	Connection Method	Loss(kW)		No-Load Voltage%	Impedance Voltage	Insulation Level	Weight(Kg)
			No-Load	Load(145℃)				
80	High-voltage	Dyn11 or Yyno	0.39	1.75	2.8	4	H/H	490
100			0.40	1.88	2.4			520
125			0.48	2.13	2.0			650
160			0.56	2.55	1.8			740
200			0.62	3.10	1.8			850
250			0.72	3.60	1.8			1005
315			0.88	4.60	1.8			1270
400			0.97	5.40	1.8			1470
500			1.16	6.60	1.8			1750
630			1.35	7.90	1.6			1970
800	Low-voltage		1.52	9.50	1.6	6		2350
1000			1.76	11.40	1.3			2620
1250			2.08	12.50	1.3			3180
1600			2.44	13.90	1.3			4100
2000			3.32	17.50	1.2			4500
2500			4.00	20.30	1.2			5340

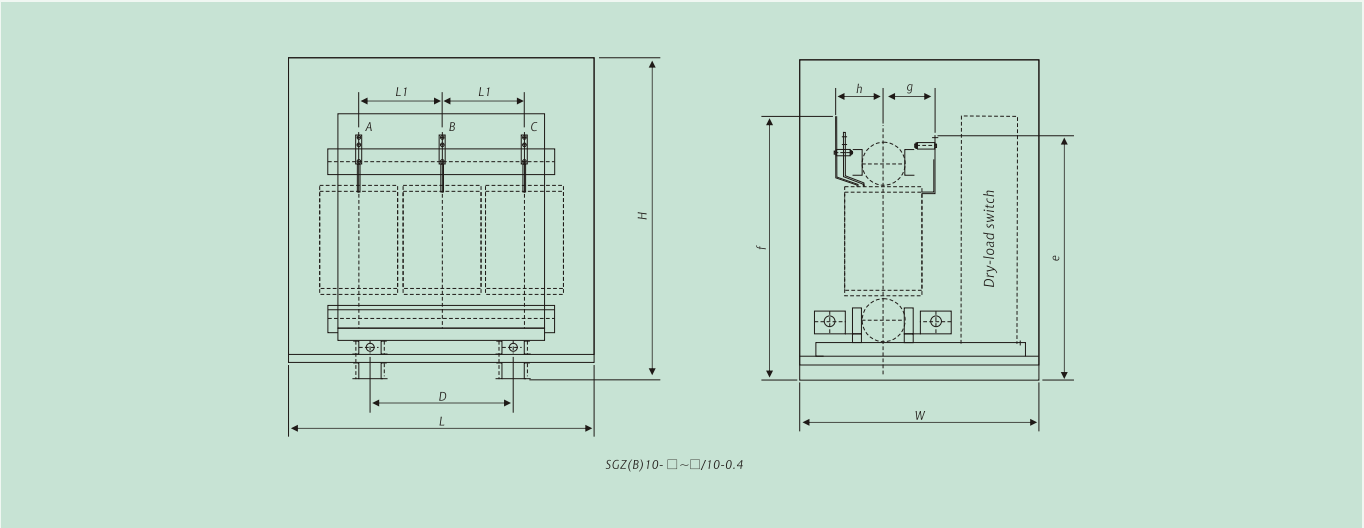
● DIMENSION



Rated Capacity (kVA)	Outline Dimension (mm)							Outline Dimension With Protective Casing (mm)							
	L	W	H	D	A1	A2	A3	L	W	H	D	e	f	g	h
80	950	550	910	550	550	550	500	1250	900	1330	550	1070	1080	270	225
100	950	600	910	600	600	600	550	1280	900	1330	600	1070	1075	285	245
125	970	600	920	600	600	600	550	1300	900	1350	600	1075	1080	290	245
160	1000	710	965	660	660	660	660	1330	900	1350	660	1120	1125	295	245
200	1040	710	990	660	660	660	660	1360	900	1400	660	1145	1150	300	260
250	1090	710	1045	660	660	660	660	1400	900	1450	660	1200	1210	305	265
315	1120	710	1120	660	660	660	660	1450	950	1500	660	1260	1280	315	270
400	1240	850	1185	820	820	820	800	1600	1100	1650	820	1280	1345	355	310
500	1290	850	1220	820	820	820	800	1650	1200	1650	820	1315	1380	355	310
630	1410	850	1230	820	657	983	800	1850	1300	1650	820	1350	1390	355	330
800	1460	850	1350	820	657	983	800	1850	1300	1750	820	1385	1510	365	340
1000	1480	870	1455	820	657	983	820	1950	1300	1950	820	1500	1615	345	340
1250	1550	960	1550	1070	907	1233	910	2000	1400	1950	1070	1500	1710	395	375
1600	1660	1150	1620	1070	907	1233	1100	2000	1400	2000	1070	1625	1780	405	385
2000	1710	1150	1730	1070	859	1281	1100	2150	1500	2150	1070	1715	1890	410	385
2500	1760	1150	2030	1070	859	1281	1100	2200	1500	2450	1070	1890	2190	440	410

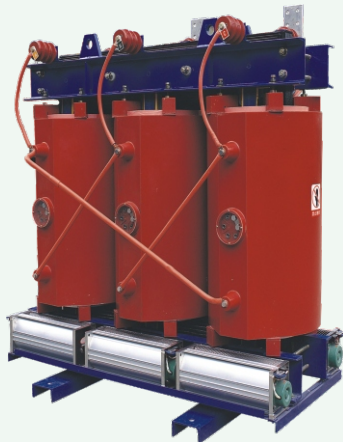
Rated Capacity (kVA)	Voltage group(kV)	Connection Method	Loss(kW)		No-Load Voltage%	Impedance Voltage	Insulation Level	Weight(Kg)	
			No-Load	Load(145℃)					
200	High-voltage	Dyn11 or Yyno	0.65	3.10	1.8	4	H/H	1370	
250			0.75	3.60	1.8			1520	
315			0.92	4.60	1.8			1790	
400			1.00	5.40	1.8			2000	
500			1.20	6.60	1.8			2270	
630	10.5		1.40	7.90	1.6	6		2530	
800	10		1.55	9.50	1.6			2930	
1000	6.3		1.82	11.40	1.3			3200	
1250	6		2.12	12.50	1.3			3770	
1600	Low-voltage		2.50	13.90	1.3			4720	
2000			3.40	17.50	1.2			5170	
2500			4.10	20.30	1.2			5860	

● DIMENSION



Rated Capacity (kVA)	Outline Dimension With Protective Casing (mm)								
	L	L1	W	H	D	e	f	g	h
200	1900	365	1600	2100	660	1145	1150	305	215
250	1900	375	1600	2100	660	1200	1205	305	220
315	1900	385	1600	2100	660	1225	1205	315	225
400	1900	420	1600	2100	820	1330	1350	325	285
500	2000	435	1700	2100	820	1360	1380	325	285
630	2000	480	1700	2100	820	1360	1380	325	285
800	2100	485	1700	2100	820	1455	1500	340	295
1000	2100	500	1700	2100	820	1500	1570	345	295
1250	2200	545	1800	2300	1070	1540	1655	370	325
1600	2200	580	1800	2300	1070	1585	1695	400	355
2000	2300	600	1800	2300	1070	1730	1885	375	365
2500	2300	620	1800	2300	1070	1830	1980	395	370

SC(B)9

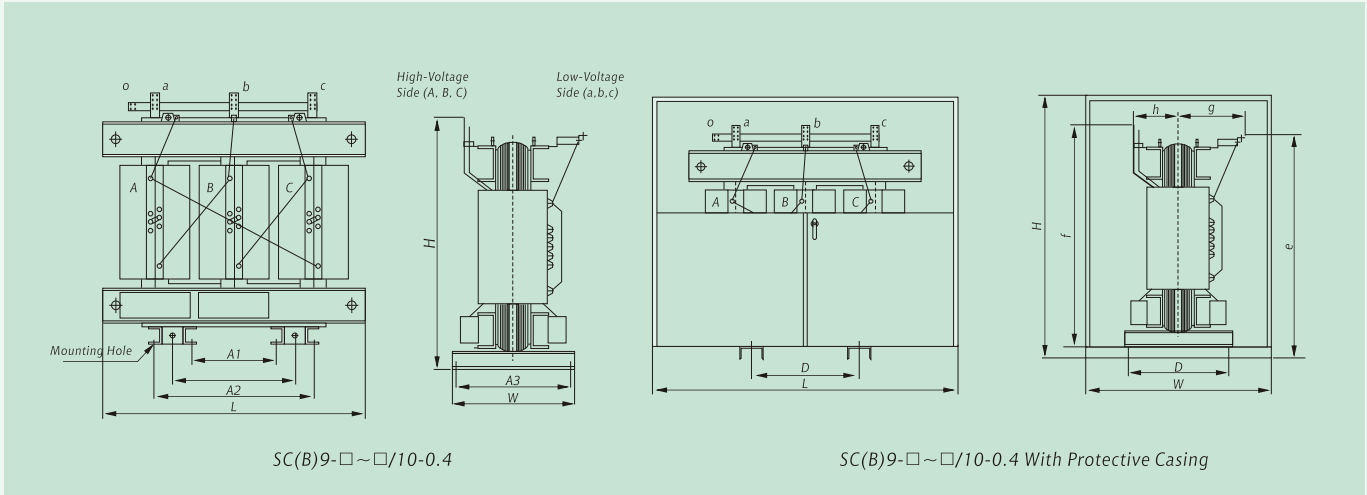


11kV

RESIN INSULATING
DRY-TYPE TRANSFORMER

Rated Capacity (kVA)	Voltage Group (kV)	Connection Method	Loss(kW)		No-Load Current%	Impedance Voltage	Insulating Level	Weight (kg)
			No-Load	Load (120℃)				
10	Hing-voltage	Dyn11 or Yyno	0.150	0.325	4.5	4	F/F	130
20			0.185	0.630	4.0			170
30			0.215	0.750	3.2			330
50			0.305	1.055	2.8			380
63			0.370	1.280	2.7			440
80			0.415	1.460	2.6			510
100			0.450	1.665	2.4			590
125			0.530	1.955	2.2			650
160			0.610	2.250	2.2			780
200			0.700	2.675	2.0			930
250	10.5	Dyn11 or Yyno	0.810	2.920	2.0	6	F/F	1040
315	10		0.990	3.670	1.8			1180
400	6.3		1.100	4.220	1.8			1450
500	6		1.305	5.170	1.8			1630
630	Low-voltage 0.4		1.510	6.220	1.6			1900
630			1.460	6.310	1.6			1900
800			1.710	7.360	1.6			2290
1000			1.990	8.600	1.4			2700
1250			2.350	10.26	1.4			3130
1600			2.755	12.42	1.4			3740
2000		3.735	15.30	1.2	4150			
2500		4.500	18.18	1.2	4810			
3150	8	5.780	23.70	1.0	5800			
4000		6.700	28.50	1.0	7100			

● DIMENSION

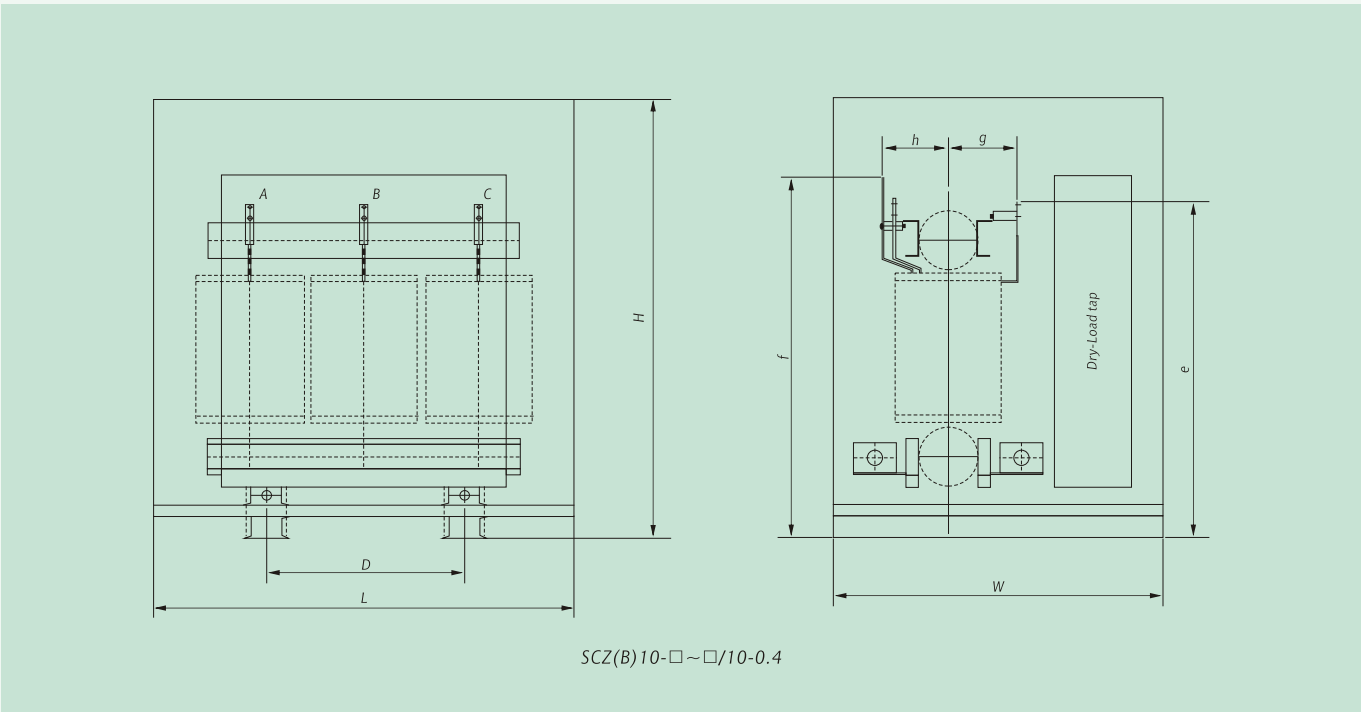


Rated capacity (kVA)	Outline dimension(mm)							Outline dimension with protective casing(mm)							
	L	W	H	D	A1	A2	A3	L	W	H	D	e	f	g	h
10	600	400	520	400	400	400	350	900	900	1150	400	850	840	250	150
20	600	400	520	400	400	400	350	900	900	1150	400	850	840	250	150
30	670	500	720	350	350	350	450	1050	800	1000	350	600	720	210	210
50	690	500	770	350	350	350	450	1050	900	1050	350	650	770	220	220
63	690	500	810	350	350	350	450	1050	900	1100	350	690	810	220	220
80	720	500	840	400	400	400	450	1100	900	1150	400	720	840	230	230
100	750	500	860	450	450	450	550	1150	1000	1150	450	740	860	240	240
125	950	600	910	550	550	550	550	1350	1050	1200	550	870	910	300	210
160	1020	600	960	550	550	550	550	1400	1050	1250	550	920	960	310	220
200	1070	600	1060	550	550	550	550	1450	1100	1350	550	1020	1060	315	225
250	1100	710	1120	660	660	660	660	1500	1150	1400	660	1090	1120	320	230
315	1120	710	1140	660	660	660	660	1500	1200	1450	660	1100	1140	325	235
400	1210	870	1240	660	660	660	660	1600	1250	1600	660	1130	1240	360	320
500	1240	870	1310	820	820	820	820	1600	1300	1650	820	1180	1310	370	330
630	1400	870	1400	820	820	820	820	1800	1300	1700	820	1280	1390	360	320
630	1460	870	1340	820	820	820	820	1850	1300	1650	820	1230	1340	350	310
800	1550	870	1460	820	820	820	820	1900	1300	1800	820	1340	1460	360	320
1000	1600	870	1620	820	820	820	820	1950	1300	1950	820	1430	1620	370	325
1250	1680	1120	1700	1070	1070	1070	1070	2050	1350	2000	1070	1490	1700	385	340
1600	1750	1120	1790	1070	1070	1070	1070	2100	1400	2100	1070	1570	1790	410	370
2000	1770	1120	1810	1070	1070	1070	1070	2150	1500	2100	1070	1520	1810	430	405
2500	1840	1120	1930	1070	1070	1070	1070	2200	1500	2200	1070	1640	1930	440	420
3150	1950	1120	1900	1070	1070	1070	1070	2350	1600	2250	1070	1600	1900	455	435
4000	2030	1120	2000	1070	1070	1070	1070	2400	1600	2300	1070	1700	2000	470	450

11kV Grade SCZ(B)9 Series Insulating Dry-Type Transformer.

Rated Capacity (kVA)	Voltage Group (kV)	Connection Method	Loss(kW)		No-Load Current%	Impedance Voltage	Insulating Level	Weight (kg)	
			No-Load	Load (120℃)					
200	Hing-voltage	Dyn11 or Yyno	0.770	2.810	2.0	4	F/F	1180	
250			0.890	3.060	2.0			1290	
315			1.090	3.825	1.8			1430	
400			1.215	4.490	1.8			1700	
500			1.440	5.455	1.8			1880	
630			11	1.600	6.630	1.6		6	2150
800			10.5	1.880	7.840	1.6			2540
1000			10	2.200	9.270	1.4			2950
1250			6.3	2.580	11.16	1.4			3380
1600			6	3.030	13.14	1.4			3990
2000	Low-voltage	4.140	16.11	1.2	4400				
2500		4.950	19.17	1.2	5060				
3150		6.360	24.89	1.0	8	6050			
4000		7.370	29.93	1.0		7350			

● DIMENSION

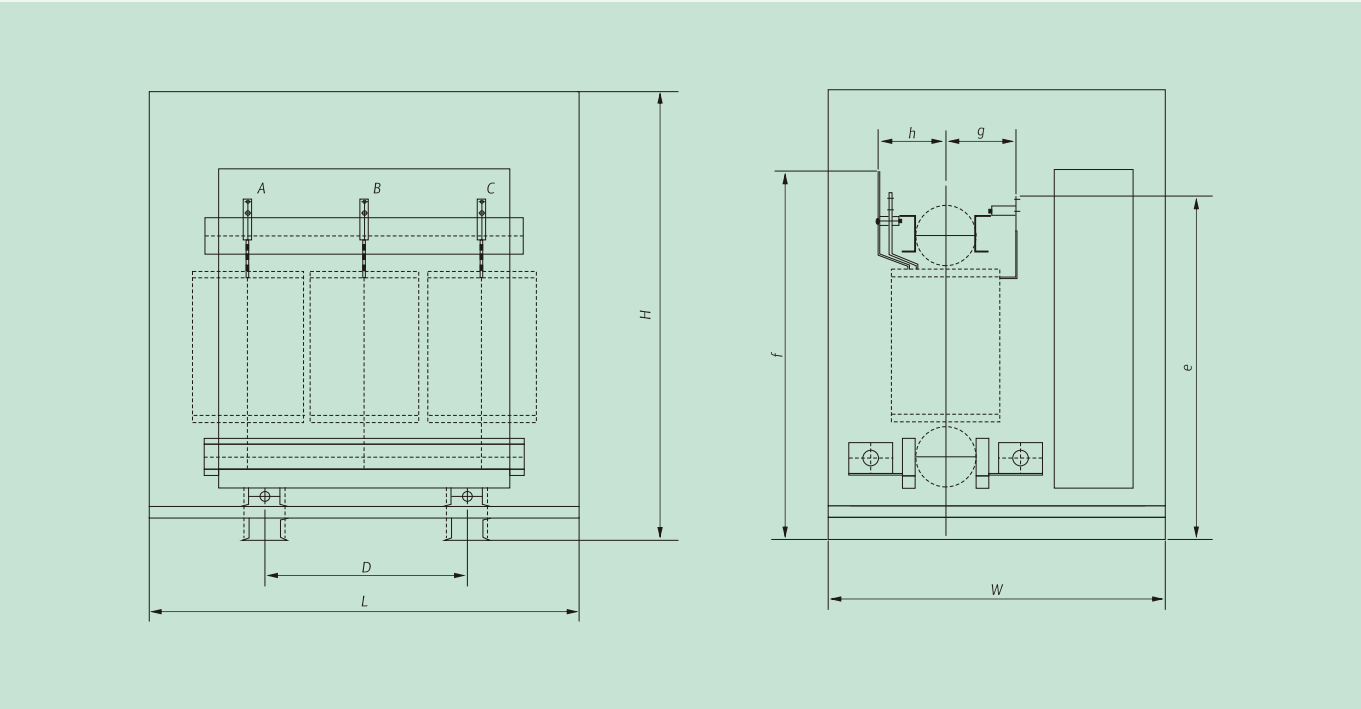


11kV Grade SCZ(B)10 Series Resin Insulating Dry-Type Transformer.

Rated Capacity (kVA)	Voltage Group (kV)	Connection Method	Loss(kW)		No-Load Current%	Impedance Voltage	Insulating Level	Weight (kg)
			No-Load	Load (120℃)				
200	Hing-voltage 11 10.5 10 6.3 6 Low-voltage 0.4	Dyn11 or Yyno	0.690	2.660	1.6	4	F/F	1180
250			0.790	2.900	1.6			1290
315			0.970	3.610	1.4			1430
400			1.080	4.240	1.4			1700
500			1.280	5.150	1.4			1880
630			1.475	6.270	1.2	6		2150
800			1.670	7.400	1.2			2540
1000			1.950	8.760	1.1			2950
1250			2.300	10.54	1.1			3380
1600			2.700	12.41	1.1			3990
2000	3.680	15.22	1.0	8	4400			
2500	4.400	18.10	1.0		5060			
3150	5.650	23.63	0.8		6050			
4000	6.560	28.35	0.8		7350			

Rated Capacity (kVA)	Outline Dimension With Protective Casing(mm)							
	L	W	H	D	e	f	g	h
200	1450	1850	1600	550	1020	1060	315	225
250	1500	1900	1600	660	1090	1120	320	230
315	1500	1950	1600	660	1100	1140	325	235
400	1600	2000	1600	660	1130	1240	360	320
500	1600	2050	1600	820	1180	1310	370	330
630	1800	2050	1600	820	1280	1390	360	320
800	1900	2050	1600	820	1340	1460	360	320
1000	1950	2050	1950	820	1430	1620	370	325
1250	2050	2100	2000	1070	1490	1700	385	340
1600	2100	2150	2100	1070	1570	1790	410	370
2000	2150	2250	2100	1070	1520	1810	430	405
2500	2200	2250	2200	1070	1640	1930	440	420
3150	2350	2350	2250	1070	1600	1900	455	435
4000	2400	2350	2300	1070	1700	2000	470	450

● DIMENSION



Rated capacity (kVA)	Outline dimension with protective casing(mm)							
	L	W	H	D	e	f	g	h
200	1450	1850	1600	550	1020	1060	315	225
250	1500	1900	1600	660	1090	1120	320	230
315	1500	1950	1600	660	1100	1140	325	235
400	1600	2000	1600	660	1130	1240	360	320
500	1600	2050	1600	820	1180	1310	370	330
630	1800	2050	1600	820	1280	1390	360	320
800	1900	2050	1600	820	1340	1460	360	320
1000	1950	2050	1950	820	1430	1620	370	325
1250	2050	2100	2000	1070	1490	1700	385	340
1600	2100	2150	2100	1070	1570	1790	410	370
2000	2150	2250	2100	1070	1520	1810	430	405
2500	2200	2250	2200	1070	1640	1930	440	420
3150	2350	2350	2250	1070	1600	1900	455	435
4000	2400	2350	2300	1070	1700	2000	470	450

SC(B)10

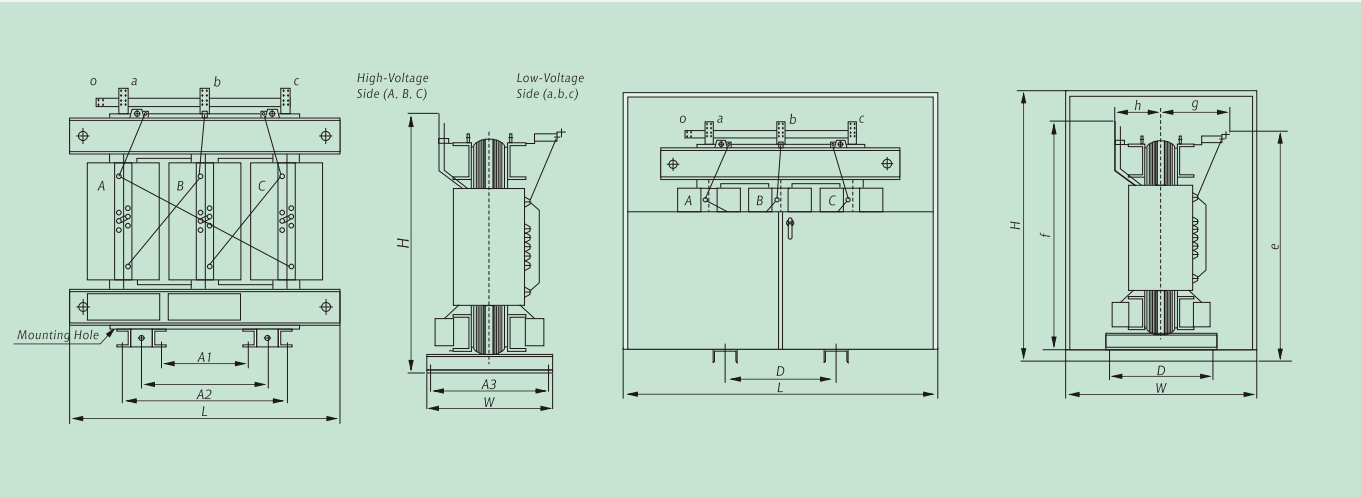


11kV

RESIN INSULATING
DRY-TYPE TRANSFORMER

Rated Capacity (kVA)	Voltage Group (kV)	Connection Method	Loss(kW)		No-load Current%	Impedance Voltage	Insulating Level	Weight (kg)
			No-Load	Load (120℃)				
10	Hing-voltage 11 10.5 10 6.3 6 Low-voltage 0.4	Dyn11 or Yyno	0.135	0.305	4.0	4	F/F	135
20			0.170	0.595	3.5			180
30			0.195	0.705	2.6			330
50			0.270	0.995	2.2			380
63			0.330	1.210	2.2			440
80			0.370	1.380	2.2			510
100			0.400	1.570	2.0			590
125			0.470	1.850	1.8			650
160			0.545	2.130	1.8			780
200			0.625	2.530	1.6			930
250			0.720	2.760	1.6	1040		
315			0.880	3.470	1.4	1180		
400			0.975	3.990	1.4	1450		
500			1.160	4.880	1.4	1630		
630			1.345	5.870	1.2	1900		
630			1.300	5.960	1.2	1900		
800			1.520	6.955	1.2	2290		
1000			1.770	8.130	1.1	2700		
1250			2.090	9.690	1.1	3130		
1600			2.450	11.73	1.1	3740		
2000			3.320	14.45	1.0	4150		
2500			4.000	17.17	1.0	4810		
3150			5.140	22.50	0.8	5800		
4000			5.960	27.00	0.8	7100		

● DIMENSION



11kV

OIL-IMMERSED
DISTRIBUTING TRANSFORMER

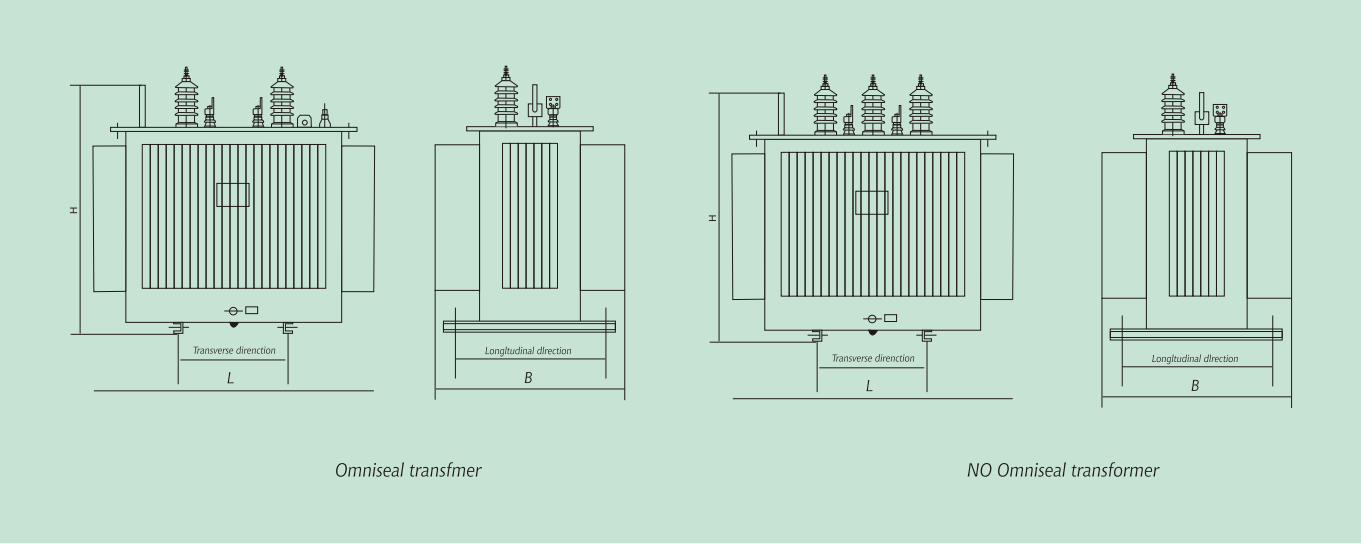


Rated Capacity (kVA)	Outline Dimension(mm)							Outline Dimension With Protective Casing(mm)							
	L	W	H	D	A1	A2	A3	L	W	H	D	e	f	g	h
10	600	510	520	400	400	400	450	900	900	1200	400	850	840	250	150
20	600	400	520	400	400	400	450	900	900	1200	400	850	840	250	150
30	670	500	720	350	350	350	450	1050	800	1000	350	600	720	210	210
50	690	500	770	350	350	350	450	1050	900	1050	350	650	770	220	220
63	690	500	810	350	350	350	450	1050	900	1100	350	690	810	220	220
80	720	500	840	400	400	400	450	1100	900	1150	400	720	840	230	230
100	750	500	860	450	450	450	550	1150	1000	1150	450	740	860	240	240
125	950	600	910	550	550	550	550	1350	1050	1200	550	870	910	300	210
160	1020	600	960	550	550	550	550	1400	1050	1250	550	920	960	310	220
200	1070	600	1060	550	550	550	550	1450	1100	1350	550	1020	1060	315	225
250	1100	710	1120	660	660	660	660	1500	1150	1400	660	1090	1120	320	230
315	1120	710	1140	660	660	660	660	1500	1200	1450	660	1100	1140	325	235
400	1210	870	1240	660	660	660	660	1600	1250	1600	660	1130	1240	360	320
500	1240	870	1310	820	820	820	820	1600	1300	1650	820	1180	1310	370	330
630	1400	870	1400	820	820	820	820	1800	1300	1700	820	1280	1390	360	320
630	1460	870	1340	820	820	820	820	1850	1300	1650	820	1230	1340	350	310
800	1550	870	1460	820	820	820	820	1900	1300	1800	820	1340	1460	360	320
1000	1600	870	1620	820	820	820	820	1950	1300	1950	820	1430	1620	370	325
1250	1680	1120	1700	1070	1070	1070	1070	2050	1350	2000	1070	1490	1700	385	340
1600	1750	1120	1790	1070	1070	1070	1070	2100	1400	2100	1070	1570	1790	410	370
2000	1770	1120	1810	1070	1070	1070	1070	2150	1500	2100	1070	1520	1810	430	405
2500	1840	1120	1930	1070	1070	1070	1070	2200	1500	2200	1070	1640	1930	440	420
3150	1950	1120	1900	1070	1070	1070	1070	2350	1600	2250	1070	1600	1900	455	435
4000	2030	1120	2000	1070	1070	1070	1070	2400	1600	2300	1070	1700	2000	470	450

Rated capacity (kVA)	Voltage group(kV)		Corection method	Loss(kW)		No-load current (%)	Impedance voltage (%)	Weight(kg)			Outline dimension (mm) (L×W×H)	Gauge longitudinal transverse direction
	Hing-voltage	Low-voltage		No-load	Load (75℃)			Equipment body weight	Oil weight	Gross werght	Omniseal	
5	11 10.5 10 6.3 6	0.4	Yyno or Dyn11	0.05	0.20	4	4	50	45	145	650×450×850	300/400
10				0.07	0.33	3		70	45	170	650×450×880	300/400
20				0.10	0.48	3		115	55	230	720×490×950	300/400
30				0.13	0.60	2.1		170	55	260	670×560×870	400/550
50				0.17	0.87	2.0		230	65	340	750×600×920	400/550
63				0.20	1.04	1.9		260	70	400	710×620×970	400/550
80				0.25	1.25	1.8		310	85	460	770×640×1010	550/550
100				0.29	1.50	1.6		360	90	525	955×620×1020	550/550
125				0.34	1.80	1.5		425	95	600	1035×675×1040	550/550
160				0.40	2.20	1.4		480	115	705	1105×730×1065	550/550
200				0.48	2.60	1.3		580	135	830	1170×765×1115	550/550
250				0.56	3.05	1.2		670	145	960	1225×820×1140	660/660
315				0.67	3.65	1.1		775	190	1135	1345×890×1205	660/660
400				0.80	4.30	1.0		940	220	1365	1450×935×1240	660/660
500				0.96	5.10	1.0		1155	240	1595	1515×970×1280	660/660
630				1.20	6.20	0.9	4.5	1310	275	1935	1595×1040×1315	660/660
800	1.40	7.50	0.8	1495	355	2345		1765×1170×1350	820/820			
1000	1.70	10.30	0.7	1705	400	2620		1855×1255×1490	820/820			
1250	1.95	12.80	0.6	1990	460	3050		1885×1270×1590	820/820			
1600	2.40	14.50	0.6	2345	660	3690		1905×1280×1735	820/820			
2000	2.80	19.80	0.6	2470	710	4110		-	820/820			
2500	3.30	23.00	0.6	2960	810	4980		-	1070/1070			

Note: tapping range of high-voltage: ±5% or ±2.5%; frequency:50Hz

● DIMENSION



Rated capacity (kVA)	Voltage group (kV)		Conection method	Loss(kW)		No-load current (%)	Impedance voltage (%)	Weight(kg)			Outline dimension (mm) (L×W×H)	Gauge longitudinal transverse direction
	Hing-voltage	Low-voltage		No-load	Load (75℃)			Equipment body weight	Oil weight	Gross werght		
30	11 10.5 10 6.3 6	0.4	Yyno or Dyn11	0.10	0.60	2.1	4	185	70	325	750×490×970	400/550
50				0.13	0.87	2.0		255	85	420	770×550×1030	400/550
63				0.15	1.04	1.9		280	95	480	800×600×1040	400/550
80				0.18	1.25	1.8		320	100	535	810×680×1060	550/500
100				0.20	1.50	1.6		380	110	615	820×680×1100	550/500
125				0.24	1.80	1.5		440	115	690	1070×700×1150	550/500
160				0.28	2.20	1.4		510	130	800	1120×700×1220	550/500
200				0.34	2.60	1.3		610	150	935	1160×720×1255	550/500
250				0.40	3.05	1.2		720	190	1110	1200×760×1310	660/660
315				0.48	3.65	1.1		835	200	1270	1210×780×1320	660/660
400				0.57	4.30	1.0		1010	240	1540	1340×880×1360	660/660
500				0.68	5.10	1.0		1170	260	1765	1360×890×1410	660/660
630				.081	6.20	0.9	4.5	1375	320	2095	1560×1020×1430	660/660
800				0.98	7.50	0.8		1620	365	2470	1640×1060×1500	820/820
1000				1.15	10.30	0.7		1780	405	2780	1720×1160×1540	820/820
1250				1.36	12.80	0.6		2065	560	3395	1790×1190×1740	820/820
1600				1.64	14.50	0.6		2470	650	3990	1830×1210×1850	820/820
2000				1.96	19.80	0.6		2700	695	4460	2190×1900×1950	820/820
2500				2.31	23.00	0.6		3230	870	5330	2240×1940×1980	1070/1070

Note: tapping range of high-voltage: ±5% or ±×2.5%; frequency:50Hz

SC(B)10



20kV

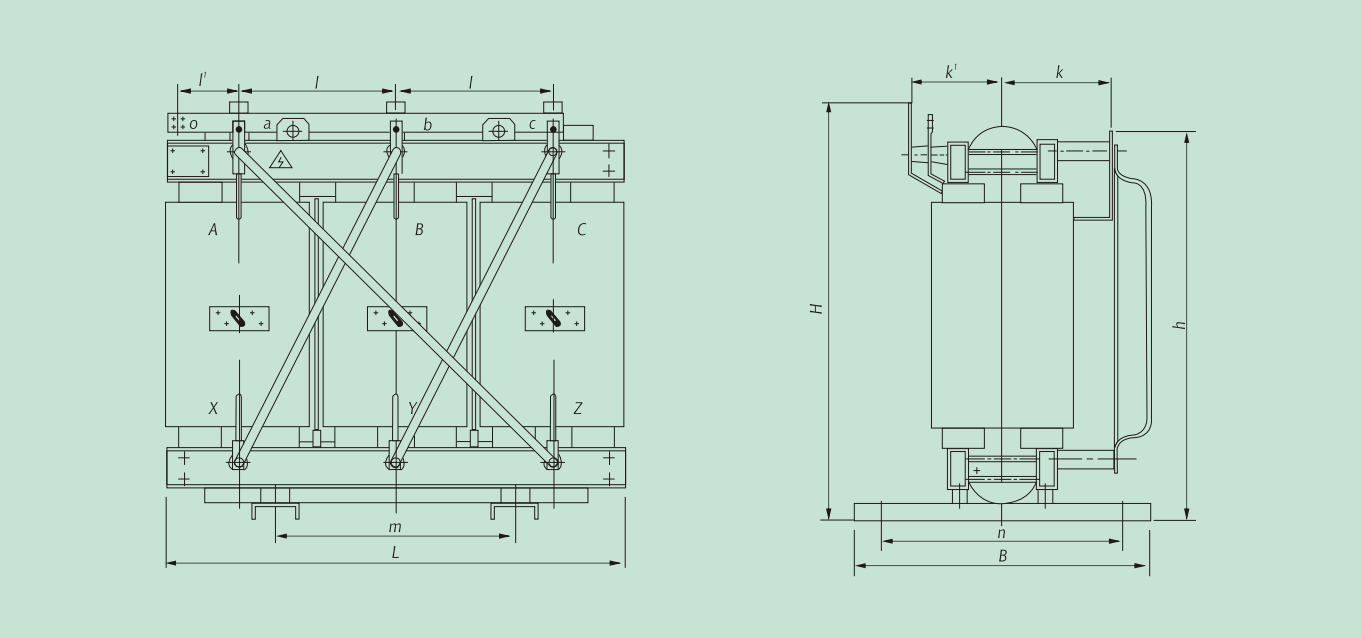
RESIN INSULATING
DRY-TYPE TRANSFORMER

Rated Capacity (kVA)	Voltage group			No-load loss(kW)	H-class level of heat insulation under the wear and tear(kW)		No-load current	Rated short-circuit impedance voltage UK(%)
	High-voltage(kV)	Tapping range of high-voltage	Low-voltage(kV)		(75℃)	F(120℃)		
315	20	±5% or ±2×2.5%	0.4	0.960	3.550	4.060	0.7	6
400				1.140	4.210	4.820	0.6	6
500				1.330	5.030	5.760	0.6	6
630				1.510	5.940	6.800	0.5	6
800				1.730	7.180	8.220	0.5	6
1000				2.040	8.500	9.730	0.5	6
1250				2.360	10.200	11.480	0.5	6
1600				2.760	12.040	13.790	0.5	6
2000				3.200	14.220	16.280	0.5	6
2500				3.820	16.830	19.270	0.4	6
3150				4.300	20.620	23.610	0.4	7

Dimension(mm)							Weight Kg	Low terminal
L×W×H	m	n	l	l'	k	k'		
1420×1020×1218	820	660	490	120	380.5	268.5	1790	(a)
1470×1020×1405	820	820	510	145	387	304	2200	(b)
1550×1070×1470	820	820	535	145	407	324	2250	(c)
1550×1070×1550	820	820	535	145	416	338	2520	(c)
1560×1070×1542	820	820	540	165	413.5	326.5	2340	(d)
1645×1070×1657	820	820	565	178	420	339	3225	(d)
1700×1070×1725	820	820	600	200	430.5	347	3650	(e)
1790×1270×1807	1070	1070	615	190	439	351	3950	(e)
1900×1270×1940	1070	1070	650	205	451.5	365	4700	(e)
1980×1270×2042	1070	1070	680	205	479.5	391	5650	(f)
2055×1270×2250	1070	1070	710	215	485.5	396.5	6650	(f)

Note: the externality size and data provided by this handbook is only for the design using. The ultimate size is standard by actua appearance of the product, can exchange voltage from 20kV to 10kV. Technical para-meters can be realized with the 20kV power distribution transformers.

● DIMENSION



SG(B)10

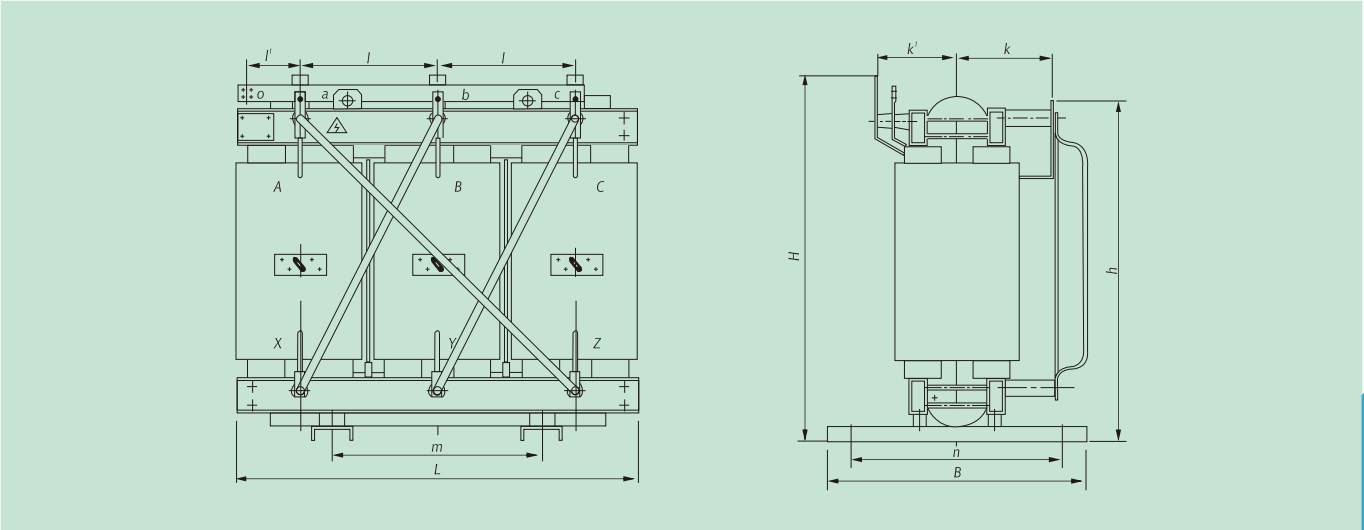


20kV

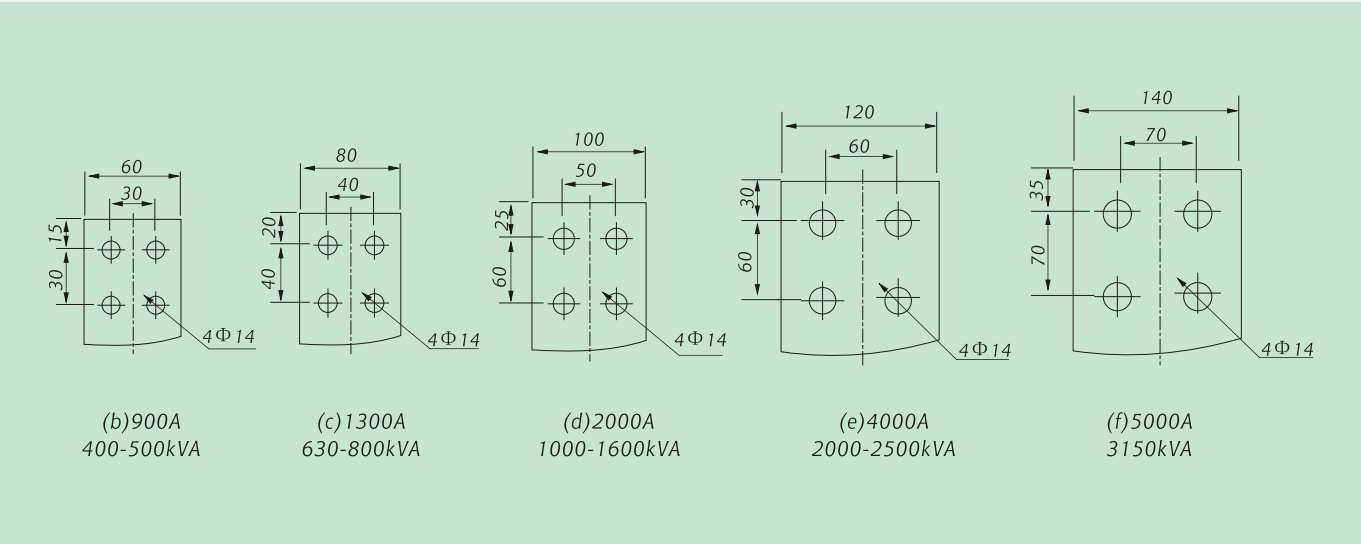
ENVIRONMENTAL PROTECTION
DRY-TYPE POWER TRANSFORMER

Rated Capacity (kVA)	Voltage group			No-load loss(kW)	H-class level of heat insulation under the wear and tear(kW)		No-load current	Rated short-circuit impedance voltage UK(%)
	High- voltage(kV)	Tapping range of high-voltage	Low- voltage(kV)		(75℃)	F(145℃)		
315	20	± 5% or ± 2×2.5%	0.4	0.960	3.550	4.345	0.7	6
400				1.140	4.210	5.160	0.6	6
500				1.330	5.030	6.165	0.6	6
630				1.510	5.940	7.275	0.5	6
800				1.730	7.180	8.795	0.5	6
1000				2.040	8.500	10.410	0.5	6
1250				2.360	10.200	12.285	0.5	6
1600				2.760	12.040	14.755	0.5	6
2000				3.200	14.220	17.420	0.5	6
2500				3.820	16.830	20.620	0.4	6
3150				4.300	20.620	25.265	0.4	7

● DIMENSION



● LOW VOLTAGE BUS TERMINAL BLOCKS



Dimension(mm)								
L×W×H	m	n	l	l'	k	k'	h	Kg
1425×1020×1560	820	820	495	190	522.5	310.5	1555	1870
1440×1020×1612	820	820	500	190	580	317.5	1588	2130
1555×1020×1607	820	820	540	190	580	317.5	1567	2200
1625×1150×1627	1070	1070	565	130	600	313.5	1562	2530
1715×1150×1752	1070	1070	595	185	600	346.5	1652	3150
1715×1150×1842	1070	1070	595	185	610	352	1742	3100
1740×1270×1983	1070	1070	605	210	620	362	1772	3900
1820×1270×2080	1070	1070	635	205	630	372	1822	4400
1865×1270×1992	1070	1070	645	255	675	391.5	1842	5120
1910×1270×2147	1070	1070	655	240	680	413.5	2002	6000
2020×1270×2330	1070	1070	695	250	630	396	2115	6945

Note: the externality size and data provided by this handbook is only for the design referece.
the ultimate size is standard by actual appearence of the product.

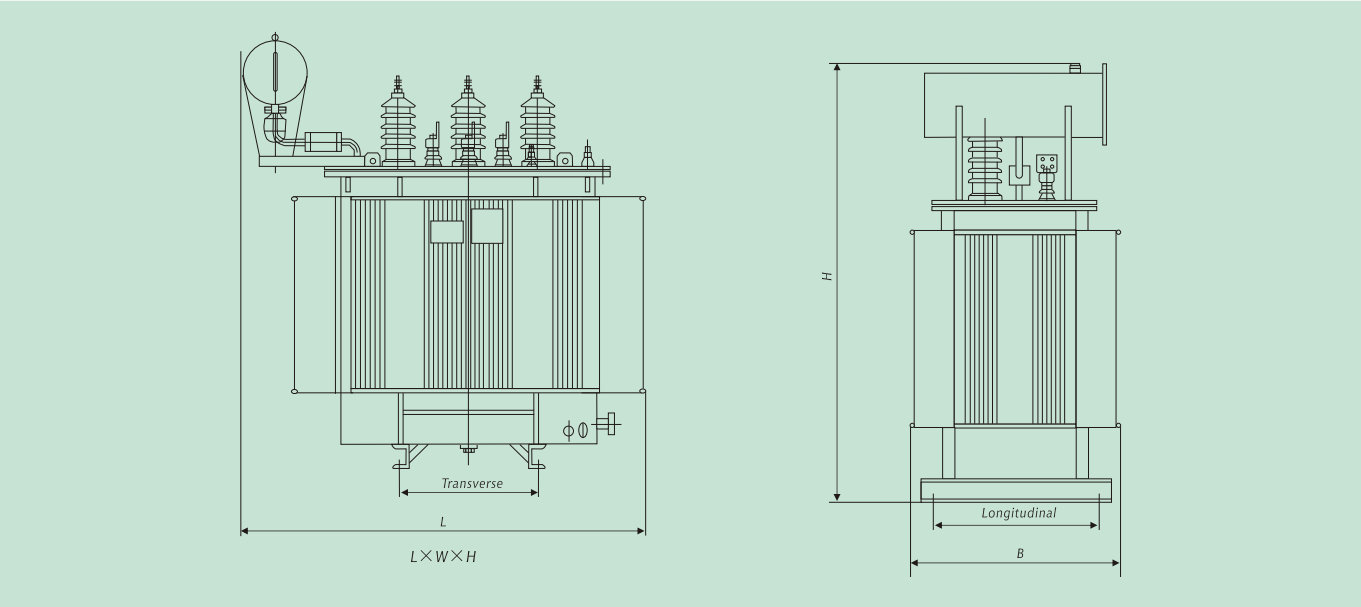


35kV

OIL-IMMERSED
DISTRIBUTING TRANSFORMER

Rated Capacity (kVA)	Voltage group(kV)		Connection Method	Loss(kW)		No-Load Current(%)	Impedance Voltage(%)	Weight(Kg)			Outline Dimension (mm)(L×W×H)	Gauge Longitudinal/ Transverse Direction
	High-Voltage	Low-Voltage		No-Load	Load (75℃)			Equipment body weight	Oil weight	Gross weight		
30	33 35 36.5 38.5	0.4	Yyno	0.165	0.90	2.0	6.5	145	205	530	1010×1020×1425	550/550
50				0.21	1.27/1.21	2.0		210	195	585	1010×1020×1425	
80				0.28	1.80	1.8		285	225	735	1060×1125×1560	
100				0.31	2.12/2.02	1.8		340	255	830	1090×1150×1600	660/660
125				0.34	2.50/2.38	1.7		395	270	950	1120×1150×1625	
160				0.37	2.97/2.83	1.5		475	285	1050	1130×1280×1680	
200				0.43	3.50/3.33	1.5		560	310	1190	1170×1300×1710	820/820
250				0.52	4.16/3.96	1.4		650	350	1355	1250×1370×1735	
315				0.61	5.01/4.77	1.4		760	390	1565	1260×1370×1780	
400				0.75	6.05/5.76	1.3		925	490	1875	1810×1250×1865	1070/1070
500				0.87	7.28/6.93	1.3		1085	550	2135	1850×1360×1920	
630				1.05	8.28	1.1		1285	615	2505	1900×1380×1990	
800				1.25	9.90	1.0		1530	720	2945	2100×1400×2075	1070/1070
1000				1.49	12.15	0.7		1845	815	3500	2220×1430×2245	
1250				1.76	14.67	0.6		1930	935	3975	2260×1430×2250	
1600				2.15	17.55	0.6		2385	1070	4685	2300×1460×2470	
2000				2.61	21.50	0.6		2630	1090	4890	2380×1740×2350	
2500				3.15	23.00	0.6		3135	1145	5740	2570×1880×2510	

● DIMENSION



Rated Capacity (kVA)	Voltage group(kV)		Connection Method	Loss(kW)		No-Load Current(%)	Impedance Voltage(%)	Weight(Kg)			Outline Dimension (mm)(L×W×H)	Gauge Longitudinal/ Transverse Direction
	High-Voltage	Low-Voltage		No-Load	Load (75℃)			Equipment body weight	Oil weight	Gross weight		
200	35	10.5	Yd11	0.43	3.30	1.55	6.5	610	365	1310	1240×1270×1680	660/660
250				0.52	3.96	1.4		670	370	1405	1290×1280×1680	
315				0.61	4.77	1.4		825	440	1685	1300×1350×1840	
400				0.75	5.76	1.3		920	530	1910	2020×940×1870	
500				0.87	6.93	1.25		1110	610	2235	2150×1000×1920	
630				1.05	8.30	1.05		1215	630	2420	2260×1060×1920	
800				1.25	9.90	1.0		1540	750	3050	2330×1080×2010	820/820
1000				1.49	12.20	0.9		1795	835	3440	2390×1100×2060	
1250				1.76	14.70	0.85		1960	900	3860	2450×1210×2090	
1600				2.15	17.55	0.75		2275	1025	4540	2475×1230×2300	
2000				2.61	19.35	0.75		2560	1050	4960	2380×2010×2300	
2500				3.15	20.70	0.75		3390	1245	5730	2460×2150×2400	
3150			Ynd11	3.87	24.30	0.7	7	3785	1500	7600	2550×2220×2420	1070/1070
4000				4.64	28.80	0.6		4690	1790	8500	2670×2390×2510	
5000				5.50	33.00	0.6		5570	2015	9790	2870×2450×2750	
6300				6.60	36.90	0.55		7380	2460	12620	3100×2580×2950	
8000				9.00	40.50	0.55	7.5	8870	2650	14100	3250×2680×3150	1475/1475
10000				10.60	47.70	0.5		10020	2930	16500	3320×2720×3230	
12500				12.60	56.70	0.5		12880	3710	19780	3410×2950×3410	
16000				15.30	69.30	0.5		16120	4280	23950	3520×3180×3570	
20000			8	18.10	83.70	0.5		18580	5230	29600	3730×3560×3990	2040/2040
25000				21.50	99.00	0.4		22970	6370	35350	4110×4120×4220	
31500				25.70	119.00	0.4		27600	7740	41900	4760×4570×4390	

Note: tapping range of hith-voltage: ±5% or ±2×2.5%; frequency:50Hz.

Rated Capacity (kVA)	Voltage group(kV)		Connection Method	Loss(kW)		No-Load Current(%)	Impedance Voltage(%)	Weight(Kg)			Outline Dimension (mm)(L×W×H)	Gauge Longitudinal/ Transverse Direction
	High-Voltage	Low-Voltage		No-Load	Load (75℃)			Equipment body weight	Oil weight	Gross weight		
800	35	10	Yd11	1.39	10.40	1.0	6.5	1650	945	3450	2790×1220×2070	820/820
1000				1.65	12.80	1.0		1920	1050	3860	2830×1240×2090	
1250				1.96	15.40	0.9		2085	1100	4360	2870×1310×2150	
1600				2.39	18.40	0.85		2410	1230	4995	2875×1310×2320	
2000				2.89	20.30	0.75		2720	1280	5460	2980×2080×2320	
2500				3.44	21.70	0.75		3630	1500	6420	3060×2190×2430	1070/1070
3150			Ynd11	4.10	26.00	0.7	7	4030	1770	8360	3180×2240×2450	
4000				4.95	30.70	0.7		4980	2150	9350	3270×2410×2540	
5000				5.85	36.00	0.6		5900	2420	10960	3490×2480×2780	
6300				7.02	38.70	0.6		7920	2950	14100	3710×2600×2965	
8000				9.90	42.80	0.55	7.5	9400	3310	15800	3850×2680×3170	1475/1475
10000				11.68	50.60	0.55		10500	3960	18980	3960×2750×3250	
12500				13.77	59.90	0.5		13590	5010	23140	4035×2980×3470	
16000				16.80	72.80	0.5	8	16930	5980	27350	4140×3200×3600	
20000				19.80	87.90	0.5		19240	7060	35600	4370×3580×4110	2040/2040
25000				23.50	104.00	0.4		23760	8600	41360	4710×4120×4250	
31500				28.10	125.00	0.4		28400	10500	49100	5360×4570×4390	

Note: tapping range of hith-voltage: ±3×2.5% or ±4×2.5%.