Chanan

CHANGAN ELECTRIC

>> Medium Voltage Product Selection Guide

CHANGAN GROUP CO.,LTD.

Changan Group Yueqing Economic Development Zone Industrial Park

ABOUT US

Changan Group Co., Ltd., is a Chinese enterprise founded in 1987, focusing on the industrial electrical appliance industry and integrating R&D, manufacturing, and trade. It is in the Economic Development Zone of Yueqing City, Zhejiang Province.

The group comprises three major manufacturing companies: Zhejiang Changan Electrical Engineering Co., Ltd., which specializes in the professional development and production of breakers, contactors, smart controllers, and other export-oriented products. Zhejiang Changan Transmission and Distribution Technology Co., Ltd. develops and produces medium and low voltage switchgears of 35KV and below, comprehensive compensation cabinets, power transformers, and related products of complete sets of power equipment. Zhejiang Changan New Energy Technology Co., Ltd. is dedicated to developing and manufacturing AC & DC EV Chargers, Photovoltaic supporting power equipment, and other related products.

Changan Group has obtained ISO9001 quality system certification, and some products have also obtained CE, CB, TUV, UKCA, SEMKO, VDE, SAA, and other certifications. The products are highly regarded and have a presence in over 80 countries and regions around the world.

Changan Group adheres to the corporate philosophy of "Quality First, Customer First," and the tenet of "Serving Electric Power Intelligence." The company is committed to becoming an outstanding supplier in China's electrical industry with international ingenuity by constantly developing and innovating.

With a new image, a new starting point, and a new dream, Changan Group will continue to work hard to provide customers with better products and services.

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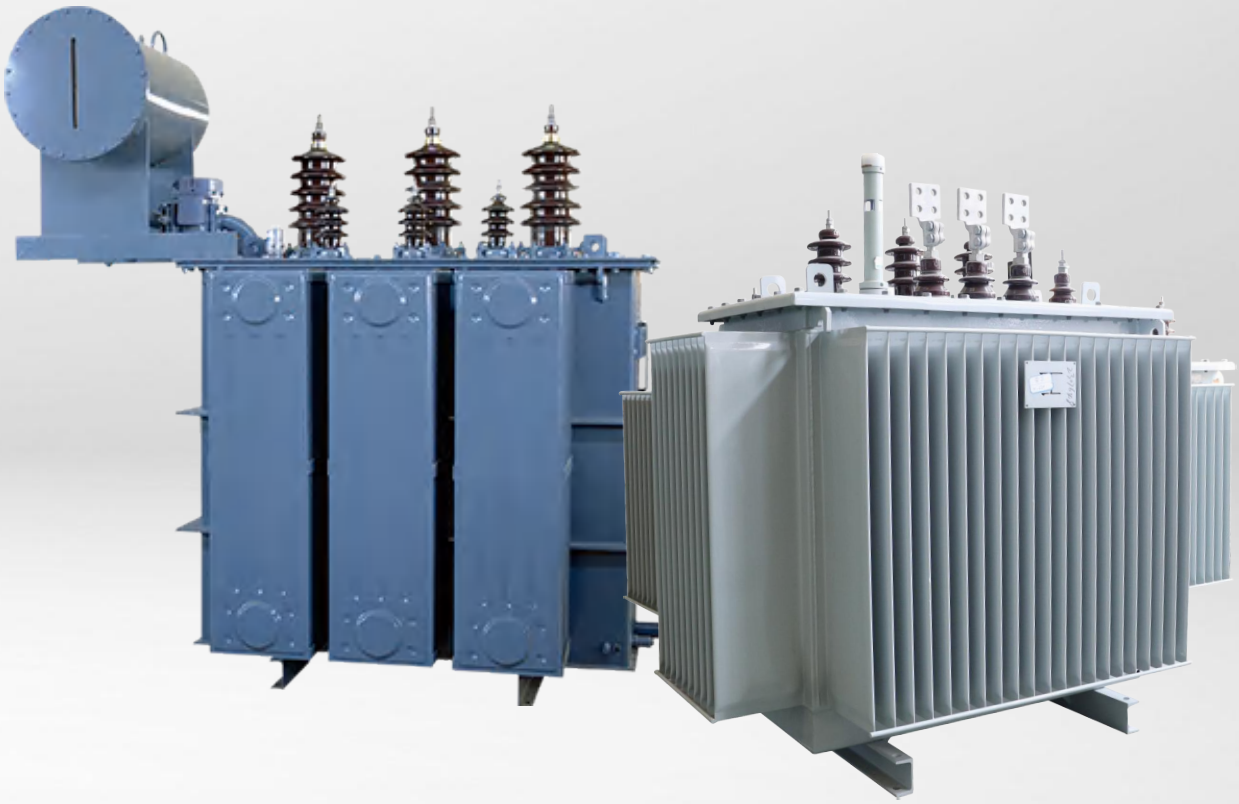
Power Transformer

Power transformer is a static electrical device used to transmit electricity from one circuit to another without changing frequency. They work on the principle of electromagnetic induction and are used to transmit power between generators and distribution main circuits, raising or lowering the voltage in the distribution network.

Power transformers are critical components in power networks, and their availability and life span significantly affect the reliability and profitability of the grid.

Changan Electric can provide you with 11~35kV oil-immersed transformers and 11kV dry-type transformers. Please let us know if you have any questions or if we can provide any further assistance.



S11-M

Oil Immersed Power Transformer

Standard		IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10								
Rated capacity (kVA)		30	50	63	80	100	125	160	200	250	315
High Voltage		6kV, 6.3kV, 6.6kV, 10kV, 10.5kV, 11kV, Or other									
Tapping Range		±2x2.5%, ±5%									
Low Voltage		0.38kV, 0.4kV, 0.415kV, 0.44kV									
Connection of transformer winding		Dyn11, Yyn0, Yzn11									
No-load Loss (W)		100	130	150	180	200	240	280	340	400	480
Load Loss (W) 75°C		630/600	910/870	1090/1040	1310/1250	1580/1500	1890/1800	2310/2200	2730/2600	3200/3050	3830/3650
No-load Current (%)		1.5	1.3	1.2	1.2	1.1	1.1	1	1	0.9	0.9
Impedance Voltage (%)		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Exterior size	L(mm)	690	730	750	790	790	840	1070	1140	1200	1300
	W(mm)	510	510	550	620	700	800	670	750	800	860
	H(mm)	920	960	1000	1020	1040	1070	1130	1140	1190	1210
Total weight (kg)		275	340	385	450	520	625	695	795	955	1085

Standard		IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10								
Rated capacity (kVA)		400	500	630	800	1000	1250	1600	2000	2500
High Voltage		6kV, 6.3kV, 6.6kV, 10kV, 10.5kV, 11kV, Or other								
Tapping Range		±2x2.5%, ±5%								
Low Voltage		0.38kV, 0.4kV, 0.415kV, 0.44kV								
Connection of transformer winding		Dyn11, Yyn0, Yzn11								
No-load Loss (W)		570	680	810	980	1150	1360	1640	1940	2290
Load Loss (W) 75°C		4520/4300	5410/5100	6200	7500	10300	12000	14500	18300	21200
No-load Current (%)		0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.4	0.4
Impedance Voltage (%)		4.0	4.0	4.5	4.5	4.5	4.5	4.5	5	5
Exterior size	L(mm)	1380	1450	1500	1660	1690	1760	1800	1930	2080
	W(mm)	900	950	970	1140	1190	1230	1250	1360	1360
	H(mm)	1240	1300	1360	1400	1530	1600	1660	1490	1570
Total weight (kg)		1290	1590	1850	2210	2570	3115	3520	4060	5105

The dimensions and weights provided are only for reference in design and selection.The final size and weight are sulbjecto our product drawings.

S13-M

Oil Immersed Power Transformer

Standard		IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10								
Rated capacity (kVA)		30	50	63	80	100	125	160	200	250	315
High Voltage		6kV, 6.3kV, 6.6kV, 10kV, 10.5kV, 11kV, Or other									
Tapping Range		±2x2.5%, ±5%									
Low Voltage		0.38kV, 0.4kV, 0.415kV, 0.44kV									
Connection of transformer winding		Dyn11, Yyn0, Yzn11									
No-load Loss (W)		80	100	110	130	150	170	200	240	290	340
Load Loss (W) 75°C		630/600	910/870	1090/1040	1310/1250	1580/1500	1890/1800	2310/2200	2730/2600	3200/3050	3830/3650
No-load Current (%)		1.5	1.3	1.2	1.2	1.1	1.1	1	1	0.9	0.9
Impedance Voltage (%)		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Exterior size	L(mm)	695	725	750	770	800	815	1015	1020	1140	1195
	W(mm)	490	520	535	565	595	670	645	650	730	785
	H(mm)	860	955	970	985	1000	1010	1055	1115	1120	1175
Total weight (kg)		265	365	415	465	545	585	695	810	930	1075

Standard		IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10							
Rated capacity (kVA)		400	500	630	800	1000	1250	1600	2000	2500
High Voltage		6kV, 6.3kV, 6.6kV, 10kV, 10.5kV, 11kV, Or other								
Tapping Range		±2x2.5%, ±5%								
Low Voltage		0.38kV, 0.4kV, 0.415kV, 0.44kV								
Connection of transformer winding		Dyn11, Yyn0, Yzn11								
No-load Loss (W)		410	480	570	700	830	970	1170	1550	1830
Load Loss (W) 75°C		4520/4300	5410/5100	6200	7500	10300	12000	14500	18300	21200
No-load Current (%)		0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.4	0.4
Impedance Voltage (%)		4.0	4.0	4.5	4.5	4.5	4.5	4.5	5	5
Exterior size	L(mm)	1265	1325	1465	1515	1605	1685	1775	1855	1885
	W(mm)	855	915	960	995	1095	1145	1225	1265	1305
	H(mm)	1195	1240	1295	1340	1460	1485	1580	1600	1780
Total weight (kg)		1255	1435	1880	2145	2455	2840	3310	3960	4980

The dimensions and weights provided are only for reference in design and selection.The final size and weight are sulbjecto our product drawings.

S14-M

Oil Immersed Power Transformer

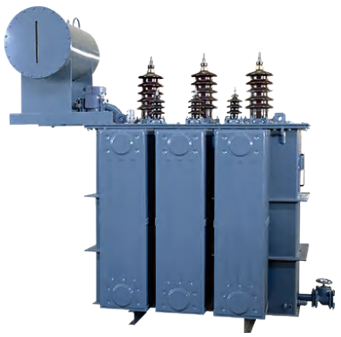
Standard		IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10								
Rated capacity (kVA)		30	50	63	80	100	125	160	200	250	315
High Voltage		6kV, 6.3kV, 6.6kV, 10kV, 10.5kV, 11kV, Or other									
Tapping Range		±2x2.5%, ±5%									
Low Voltage		0.38kV, 0.4kV, 0.415kV, 0.44kV									
Connection of transformer winding		Dyn11, Yyn0, Yzn11									
No-load Loss (W)		80	100	110	130	150	170	200	240	290	340
Load Loss (W) 75°C		505/480	730/695	870/830	1050/1000	1260/1200	1510/1440	1850/1760	2180/2080	2560/2440	3060/2920
No-load Current (%)		1.5	1.3	1.2	1.2	1.1	1.1	1	1	0.9	0.9
Impedance Voltage (%)		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Exterior size	L(mm)	695	725	750	770	800	815	1015	1020	1140	1195
	W(mm)	490	520	535	565	595	670	645	650	730	785
	H(mm)	860	955	970	985	1000	1010	1055	1115	1120	1175
Total weight (kg)		265	365	415	465	545	585	695	810	930	1075

Standard		IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10							
Rated capacity (kVA)		400	500	630	800	1000	1250	1600	2000	2500
High Voltage		6kV, 6.3kV, 6.6kV, 10kV, 10.5kV, 11kV, Or other								
Tapping Range		±2x2.5%, ±5%								
Low Voltage		0.38kV, 0.4kV, 0.415kV, 0.44kV								
Connection of transformer winding		Dyn11, Yyn0, Yzn11								
No-load Loss (W)		410	480	570	700	830	970	1170	1550	1830
Load Loss (W) 75°C		3610/3440	4330/4120	4960	6000	8240	9600	11600	14600	16900
No-load Current (%)		0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.4	0.4
Impedance Voltage (%)		4.0	4.0	4.5	4.5	4.5	4.5	4.5	5	5
Exterior size	L(mm)	1265	1325	1465	1515	1605	1685	1775	1855	1885
	W(mm)	855	915	960	995	1095	1145	1225	1265	1305
	H(mm)	1195	1240	1295	1340	1460	1485	1580	1600	1780
Total weight (kg)		1255	1435	1880	2145	2455	2840	3310	3960	4980

The dimensions and weights provided are only for reference in design and selection.The final size and weight are sulbjecto our product drawings.

S13-35KV

Oil Immersed Power Transformer

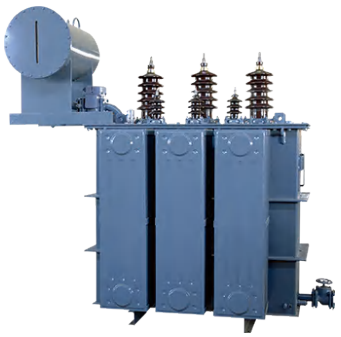


Standard	IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10							
Rated capacity (kVA)	50	100	125	160	200	250	315	400
High Voltage	33kV, 35kV, 38.5kV, Or other							
Tapping Range	±2x2.5%, ±5%							
Low Voltage	0.38kV, 0.4kV, 0.415kV, 0.44kV							
Connection of transformer winding	Dyn11, Yyn0							
No-load Loss (W)	160	230	270	280	310	400	480	580
Load Loss (W) 145°C	1200/1140	2010/1910	2370/2260	2820/2680	3320/3160	3950/3760	4750/4530	5740/5470
No-load Current (%)	1.3	1.1	1.1	1	1	0.95	0.95	0.85
Impedance Voltage (%)	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5

Standard	IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10							
Rated capacity (kVA)	500	630	800	1000	1250	1600	2000	2500
High Voltage	33kV, 35kV, 38.5kV, Or other							
Tapping Range	±2x2.5%, ±5%							
Low Voltage	0.38kV, 0.4kV, 0.415kV, 0.44kV							
Connection of transformer winding	Dyn11, Yyn0							
No-load Loss (W)	680	830	980	1150	1400	1690	1990	2360
Load Loss (W) 145°C	6910/6580	7860	9400	11500	13900	16600	19700	23200
No-load Current (%)	0.85	0.65	0.65	0.6	0.6	0.6	0.55	0.55
Impedance Voltage (%)	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5

S13-35KV

Oil Immersed Power Transformer

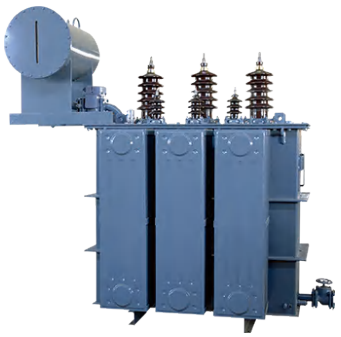


Standard	IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10								
Rated capacity (kVA)	630	800	1000	1250	1600	2000	2500	3150	4000
High Voltage	35kV, 38.5kV, Or other								
Tapping Range	±2x2.5%, ±5%								
Low Voltage	3.15kV, 6.3kV, 10.5kV, Or other								
Connection of transformer winding	Yd11								
No-load Loss (W)	830	980	1150	1400	1690	2170	2560	3040	3610
Load Loss (W) 145°C	7860	9400	11500	13900	16600	18300	19600	23000	27300
No-load Current (%)	0.65	0.65	0.65	0.5	0.45	0.45	0.45	0.45	0.45
Impedance Voltage (%)	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.0	7.0

Standard	IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10								
Rated capacity (kVA)	5000	6300	8000	10000	12500	16000	20000	25000	31500
High Voltage			35kV, 38.5kV, Or other						
Tapping Range	±2x2.5%, ±5%		±2x2.5%						
Low Voltage	3.15kV, 6.3kV, 10.5kV, Or other								
Connection of transformer winding	Yd11		YNd11						
No-load Loss (W)	4320	5240	7200	8700	10000	12100	14400	17000	20200
Load Loss (W) 145°C	31300	35000	38100	45300	53800	65800	79500	94000	112000
No-load Current (%)	0.45	0.45	0.35	0.35	0.3	0.3	0.3	0.25	0.25
Impedance Voltage (%)	8.0	8.0	8.0	8.0	8.0	8.0	8.0	10.0	10.0

SZ13-35KV

Oil Immersed Power Transformer



Standard	IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10						
Rated capacity (kVA)	2000	2500	3150	4000	5000	6300	8000
High Voltage	35kV, 38.5kV, Or other						
Tapping Range	±3x2.5%						
Low Voltage	6.3kV, 10.5kV, Or other						
Connection of transformer winding	Yd11						YNd11
No-load Loss (W)	2300	2720	3230	3870	4640	5630	7870
Load Loss (W) 145°C	19200	20600	24700	29100	34200	36700	40600
No-load Current (%)	0.5	0.5	0.45	0.45	0.45	0.45	0.4
Impedance Voltage (%)	6.5	6.5	7.0	7.0	7.0	8.0	8.0

Standard	IEC60076-1, IEC60076-2, IEC60076-3, IEC60076-5, IEC60076-10					
Rated capacity (kVA)	10000	12500	16000	20000	25000	31500
High Voltage	35kV, 38.5kV, Or other					
Tapping Range	±3x2.5%					
Low Voltage	6.3kV, 10.5kV, Or other					
Connection of transformer winding	YNd11					
No-load Loss (W)	9280	10900	13100	15500	18300	21800
Load Loss (W) 145°C	48000	56800	70300	82100	97800	11600
No-load Current (%)	0.4	0.35	0.35	0.35	0.3	0.3
Impedance Voltage (%)	8.0	8.0	8.0	8.0	10.0	10.0

SCB11-30~2500/10kV

Epoxy Resin Dry Type Transformer

Rated capacity (kVA)			30	50	80	100	125	160	200
Voltage combination	High voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15						
	Tapping range		±2.5, ±5						±2x2.5, ±5
	Low voltage(kV)		0.4 or other						
Connected group label			Dyn11						
No-load dissipation(w)			170	240	330	360	420	480	550
Load dissipation (W)	130°C(B)	100°C	670	940	1290	1480	1740	2000	2370
	155°C(F)	120°C	710	1000	1380	1570	1850	2130	2530
	180°C(H)	145°C	760	1070	1480	1690	1980	2280	2710
No-load current(%)			2.3	2.2	1.7	1.7	1.5	1.5	1.3
Impedance voltage(%)			4.0						
Exterior size(LxWxH) Install 4-Φ18(mm)			955x750x840	970x750x860	1015x750x925	1030x750x960	1060x750x1000	1090x900x1045	1105x900x1080
Total Weight(kg)			270	340	460	530	605	730	825

Rated capacity (kVA)			250	315	400	500	630	630	800
Voltage combination	Medium voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15						
	Tapping range		±2x2.5, ±5						
	Low voltage(kV)		0.4 or other						
Connected group label			Dyn11						
No-load dissipation(w)			640	790	880	1040	1200	1170	1360
Load dissipation (W)	130°C(B)	100°C	2590	3270	3750	4590	5530	5610	6550
	155°C(F)	120°C	2760	3470	3990	4880	5880	5960	6960
	180°C(H)	145°C	2960	3730	4280	5230	6290	6400	7460
No-load current(%)			1.3	1.1	1.1	1.1	0.9	0.9	0.9
Impedance voltage(%)			4.0					6.0	
Exterior size(LxWxH) Install 4-Φ18(mm)			1180x900x1125	1225x900x1140	1330x900x1195	1345x900x1255	1540x1150x1175	1540x1150x1175	1600x1150x1220
Total Weight(kg)			1010	1165	1490	1650	1915	1915	2305

The dimensions and weights provided are only for reference in design and selection.The final size and weight are sulbjecto our product drawings.

SCB11-30~2500/10kV

Epoxy Resin Dry Type Transformer

Rated capacity (kVA)			1000	1250	1600	2000	2500	1600	2000	2500
Voltage combination	High voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15							
	Tapping range		±2x2.5, ±5							
	Low voltage(kV)		0.4 or other							
Connected group label			Dyn11							
No-load dissipation(w)			1590	1880	2200	2740	3240	2200	2740	3240
Load dissipation (W)	130°C(B)	100°C	7650	9100	11000	13600	16100	12200	15000	17700
	155°C(F)	120°C	8130	9690	11700	14400	17100	12900	15900	18800
	180°C(H)	145°C	8760	10300	12500	15500	18400	13900	17100	20200
No-load current(%)			0.9	0.9	0.9	0.7	0.7	0.9	0.7	0.7
Impedance voltage(%)			6.0					8.0		
Exterior size(LxWxH) Install 4-Φ18(mm)			1645x1150 x1285	1705x1150 x1345	1765x1150 x1405	1840x1150 x1475	1900x1150 x1560	1765x1150 x1405	1840x1150 x1475	1900x1150 x1560
Total Weight(kg)			2690	3225	3805	4435	5300	3805	4435	5300

SCB12-30~2500/10kV

Epoxy Resin Dry Type Transformer

Rated capacity (kVA)			30	50	80	100	125	160	200
Voltage combination	High voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15						
	Tapping range		±2.5, ±5						±2x2.5, ±5
	Low voltage(kV)		0.4 or other						
Connected group label			Dyn11						
No-load dissipation(w)			150	215	295	320	375	430	495
Load dissipation (W)	130°C(B)	100°C	670	940	1290	1480	1740	2000	2370
	155°C(F)	120°C	710	1000	1380	1570	1850	2130	2530
	180°C(H)	145°C	760	1070	1480	1690	1980	2280	2710
No-load current(%)			2.3	2.2	1.7	1.7	1.5	1.5	1.3
Impedance voltage(%)			4.0						
Exterior size(LxWxH) Install 4-Φ18(mm)			955x750x840	970x750x860	1015x750x925	1030x750x960	1060x750x1000	1090x900x1045	1105x900x1080
Total Weight(kg)			270	340	460	530	605	730	825

The dimensions and weights provided are only for reference in design and selection.The final size and weight are sulbjecto our product drawings.

SCB12-30~2500/10kV

Epoxy Resin Dry Type Transformer

Rated capacity (kVA)			250	315	400	500	630	630	800
Voltage combination	High voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15						
	Tapping range		±2x2.5, ±5						
	Low voltage(kV)		0.4 or other						
Connected group label			Dyn11						
No-load dissipation(w)			575	705	758	930	1070	1040	1210
Load dissipation (W)	130°C(B)	100°C	2590	3270	3750	4590	5530	5610	6550
	155°C(F)	120°C	2760	3470	3990	4880	5880	5960	6960
	180°C(H)	145°C	2960	3730	4280	5230	6290	6400	7460
No-load current(%)			1.3	1.1	1.1	1.1	0.9	0.9	0.9
Impedance voltage(%)			4.0					6.0	
Exterior size(LxWxH) Install 4-Φ18(mm)			1180x900x1125	1225x900x1140	1330x900x1195	1345x900x1255	1540x1150x1175	1540x1150x1175	1600x1150x1220
Total Weight(kg)			1010	1165	1490	1650	1915	1915	2305

Rated capacity (kVA)			1000	1250	1600	2000	2500	1600	2000	2500
Voltage combination	High voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15							
	Tapping range		±2x2.5, ±5							
	Low voltage(kV)		0.4 or other							
Connected group label			Dyn11							
No-load dissipation(w)			1410	1670	1960	2440	2880	1960	2440	2880
Load dissipation (W)	130°C(B)	100°C	7650	9100	11000	13600	16100	12200	15000	17700
	155°C(F)	120°C	8130	9690	11700	14400	17100	12900	15900	18800
	180°C(H)	145°C	8760	10300	12500	15500	18400	13900	17100	20200
No-load current(%)			0.9	0.9	0.9	0.7	0.7	0.9	0.7	0.7
Impedance voltage(%)			6.0					8.0		
Exterior size(LxWxH) Install 4-Φ18(mm)			1645x1150 x1285	1705x1150 x1345	1765x1150 x1405	1840x1150 x1475	1900x1150 x1560	1765x1150 x1405	1840x1150 x1475	1900x1150 x1560
Total Weight(kg)			2690	3225	3805	4435	5300	3805	4435	5300

The dimensions and weights provided are only for reference in design and selection.The final size and weight are sulbjecto our product drawings.

SCB13-30~2500/10kV

Epoxy Resin Dry Type Transformer

Rated capacity (kVA)			30	50	80	100	125	160	200
Voltage combination	High voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15						
	Tapping range		±2.5, ±5						±2x2.5, ±5
	Low voltage(kV)		0.4 or other						
Connected group label			Dyn11						
No-load dissipation(w)			135	195	265	290	340	385	445
Load dissipation (W)	130°C(B)	100°C	605	845	1160	1330	1560	1800	2130
	155°C(F)	120°C	640	900	1240	1410	1660	1910	2270
	180°C(H)	145°C	685	965	1330	1520	1780	2050	2440
No-load current(%)			2.3	2.2	1.7	1.7	1.5	1.5	1.3
Impedance voltage(%)			4.0						
Exterior size(LxWxH) Install 4-Φ18(mm)			955x750x840	970x750x860	1015x750x925	1060x750x960	1075x750x1000	1105x900x1045	1120x900x1105
Total Weight(kg)			270	340	460	560	630	770	875

Rated capacity (kVA)			250	315	400	500	630	630	800
Voltage combination	High voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15						
	Tapping range		±2x2.5, ±5						
	Low voltage(kV)		0.4 or other						
Connected group label			Dyn11						
No-load dissipation(w)			515	635	705	835	965	935	1090
Load dissipation (W)	130°C(B)	100°C	2330	2940	3370	4130	4970	5050	5890
	155°C(F)	120°C	2480	3120	3590	4390	5290	5360	6260
	180°C(H)	145°C	2660	3350	3850	4700	5660	5760	6710
No-load current(%)			1.3	1.1	1.1	1.1	0.9	0.9	0.9
Impedance voltage(%)			4.0					6.0	
Exterior size(LxWxH) Install 4-Φ18(mm)			1195x900x1125	1555x1150x1175	1225x900x1140	1315x900x1190	1345x900x1265	1555x1150x1175	1600x1150x1220
Total Weight(kg)			1055	1190	1500	1700	1985	1985	2360

The dimensions and weights provided are only for reference in design and selection.The final size and weight are sulbjecto our product drawings.

SCB13-30~2500/10kV

Epoxy Resin Dry Type Transformer

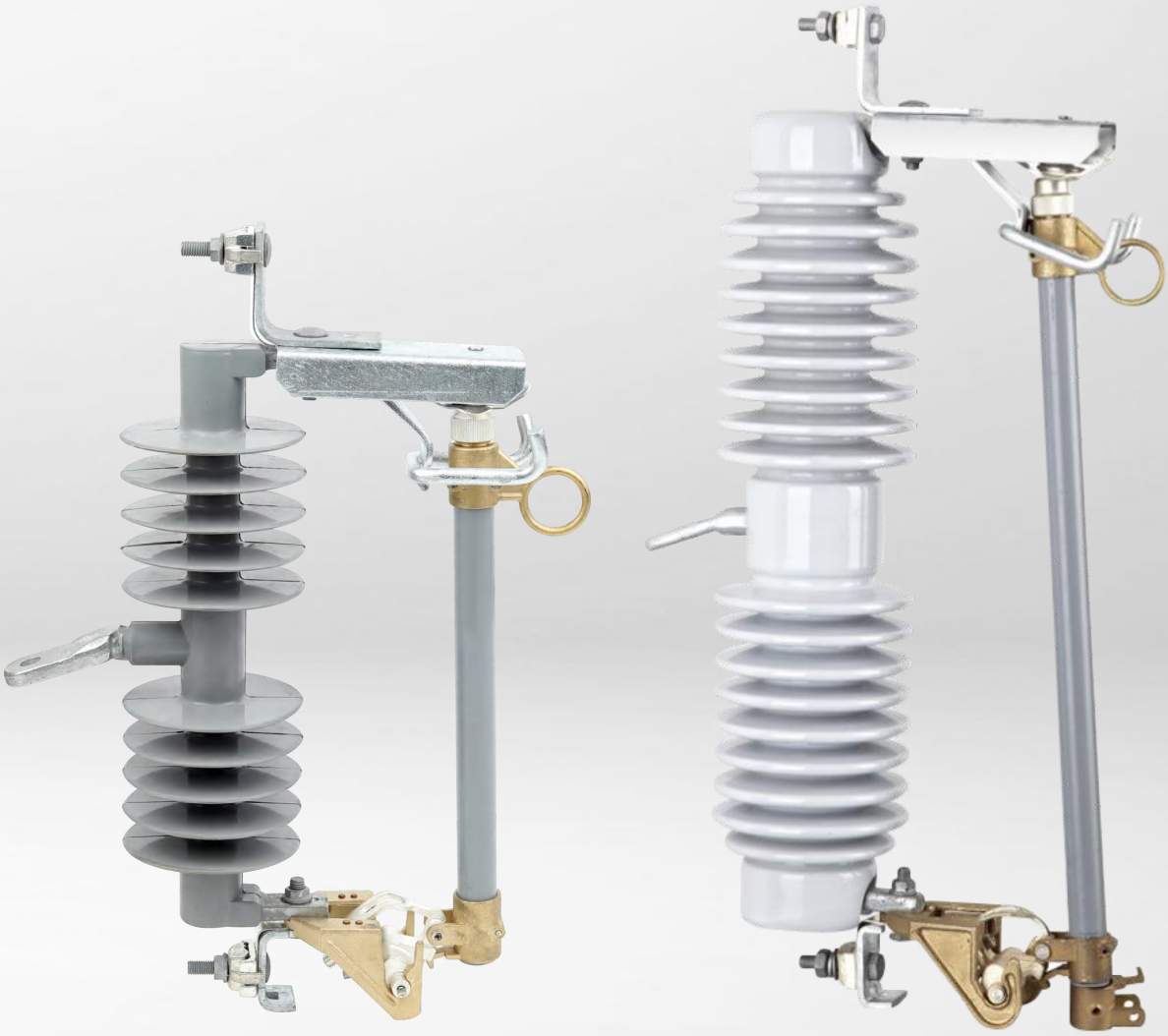
Rated capacity (kVA)			1000	1250	1600	2000	2500	1600	2000	2500
Voltage combination	High voltage(kV)		6, 6.3, 6.6, 10, 10.5, 11, 13.8, 15							
	Tapping range		±2x2.5, ±5							
	Low voltage(kV)		0.4 or other							
Connected group label			Dyn11							
No-load dissipation(w)			1270	1500	1760	2190	2590	1760	2190	2590
Load dissipation (W)	130°C(B)	100°C	6880	8190	9940	12200	14500	11000	13500	15900
	155°C(F)	120°C	7310	8720	10500	13000	15400	11600	14300	17000
	180°C(H)	145°C	7880	9330	11300	14000	16600	12500	15400	18200
No-load current(%)			0.9	0.9	0.9	0.7	0.7	0.9	0.7	0.7
Impedance voltage(%)			6.0					8.0		
Exterior size(LxWxH) Install 4-Φ18(mm)			1660x1150 x1285	1720x1150 x1350	1780x1150 x1405	1840x1150 x1475	1900x1150 x1565	1780x1150 x1405	1840x1150 x1475	1900x1150 x1565
Total Weight(kg)			2775	3310	3940	4595	5495	3940	4595	5495

The dimensions and weights provided are only for reference in design and selection.The final size and weight are sulbjecto our product drawings.

Fuse Cutout

Fuse cutout, also known as cut-out fuse or dropout fuse, is an electrical device that disconnects a circuit by causing the fuse link to melt with its own heat when the current exceeds a specified value. These devices are commonly used in high and low voltage distribution systems, control systems, and electrical equipment to protect distribution transformers from current surges and overloads.

Changan Electric is a proficient manufacturer of fuses, offering a wide range of porcelain drop-out fuses from 12kV to 36kV, as well as polymer insulated drop-out fuses from 12kV to 38kV. Our extensive experience in the industry ensures that our products are of top-notch quality and reliability.



12-36KV

Porcelain Fuse Cutout

	12kV-15kV		15kV-27kV		24kV-27kV		27kV-33kV		33kV-36kV	
Type	CA1		CA7		CA13		CA21		CA22	
Rated voltage(kV)	15	15	15	15	24	24	30	30	33	33
Rated current(A)	100	200	100	200	100	200	100	200	100	200
Breaking current(A)	10000	12000	10000	12000	8000	10000	6000	8000	10000	12000
Impulse voltage(BIL)	110	110	125	125	150	150	170	170	170	170
Power frequency withstand voltage	40	40	45	45	65	65	70	70	70	70
Leakage distance(mm)	250	250	350	350	540	540	700	700	720	720
Weight(kG)	7.3	7.3	8.5	8.5	12	12	15	15	15.5	15.5
Dimensions(cm)	38.5x34.5x10.5		48x34.5x10.5		49x35x14		56x38x14.5		57x38x14.5	

12-38KV

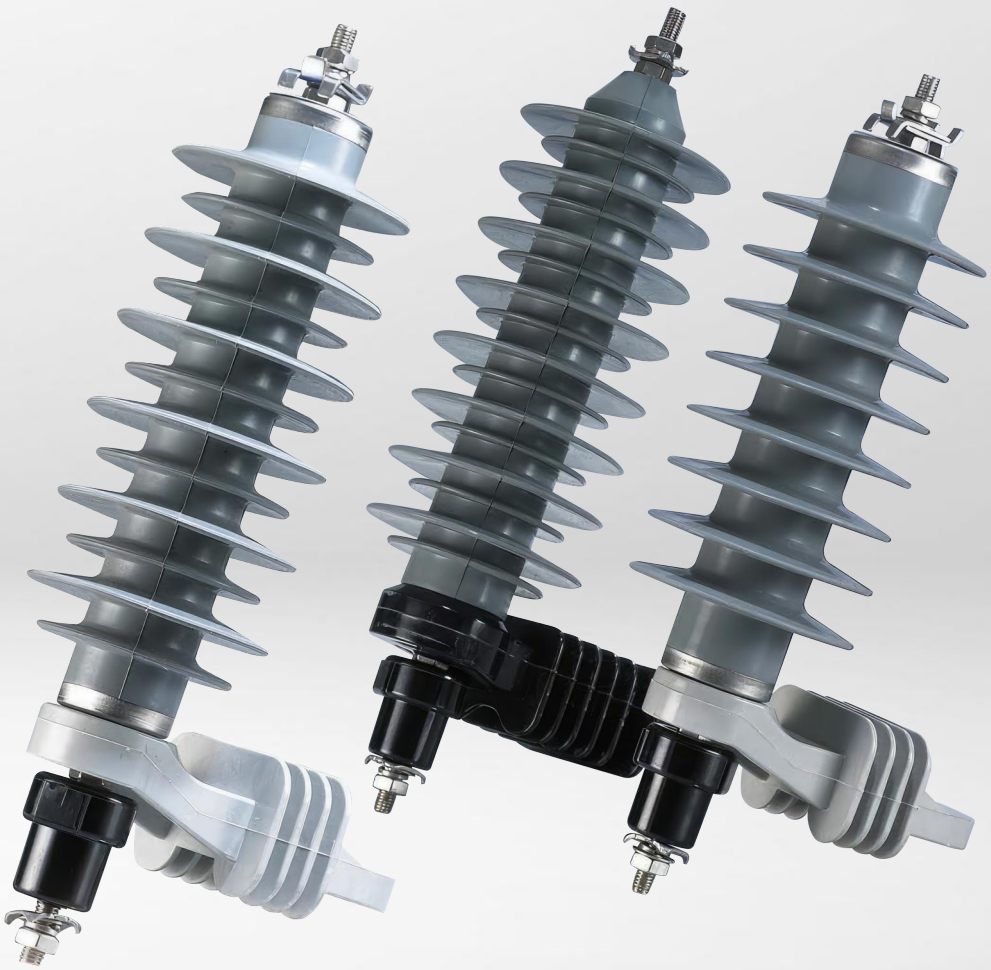
Polymer Insulated Fuse Cutout

	12kV-15kV		24kV-27kV		27kV-33kV		30kV-33kV		36kV-38kV	
Type	CA26		CA29		CA32		CA33		CA34	
Rated voltage(kV)	12-15	12-15	24-27	24-27	27-33	27-33	30-33	30-33	36-38	36-38
Rated current(A)	100	200	100	200	100	200	100	200	100	200
Breaking current(A)	10000	12000	6000	8000	6000	8000	6000	8000	6000	8000
Impulse voltage(BIL)	110	110	150	150	170	170	170	170	180	180
Power frequency withstand voltage	40	40	65	65	70	70	70	70	75	75
Leakage distance(mm)	380	380	650	650	620	620	680	680	820	820

Surge Arrester

Metal-Oxide Surge Arresters (MO surge arresters), also known as ZnO Diverter, utilize zinc oxide semiconductor as a resistor material to provide protection against AC and DC overvoltage. This type of arrester offers comprehensive overvoltage protection at all voltage levels in a power system. It is a reliable solution for safeguarding electrical equipment and systems from transient voltage surges.

Changan Electric's Zinc Oxide Arrester is a highly effective lightning protection device that offers superior protection performance, is lightweight, pollution-resistant, and exhibits stable performance. The arrester utilizes the excellent nonlinear volt-ampere characteristics of zinc oxide to ensure that only a small current flow through it under normal operating voltage. Additionally, the device can be tailored to meet the specific needs of customers.



3-36kV 5kA

Metal-Oxide Surge Arrester

Type	MOA Rated voltage	MCOV	Current impulse residual voltage			2ms Rectangular current impulse withstand	4/10μs High current impulse withstand
			1/4μs Lightning current impulse	8/20μs Lightning current impulse	30/60μs Switching current impulse		
	kV(rms)	kV(rms)	kV(crest)	kV(crest)	kV(crest)	A(crest)	kA(crest)
YH5W-3	3	2.4	9	9	7.6	150	65
YH5W-6	6	4.8	21	18	15.3	150	65
YH5W-9	9	7.2	31	27	23	150	65
YH5W-12	12	9.6	41	36	30.6	150	65
YH5W-15	15	12	51	45	38	150	65
YH5W-18	18	14.4	62	54	46	150	65
YH5W-21	21	16.8	72	63	53	150	65
YH5W-24	24	19.2	82	72	62	150	65
YH5W-27	27	21.6	93	81	68.8	150	65
YH5W-30	30	24	103	90	76.5	150	65
YH5W-33	33	26.4	112	99	85	150	65
YH5W-36	36	28.8	123	108	92	150	65

3-36kV 10kA

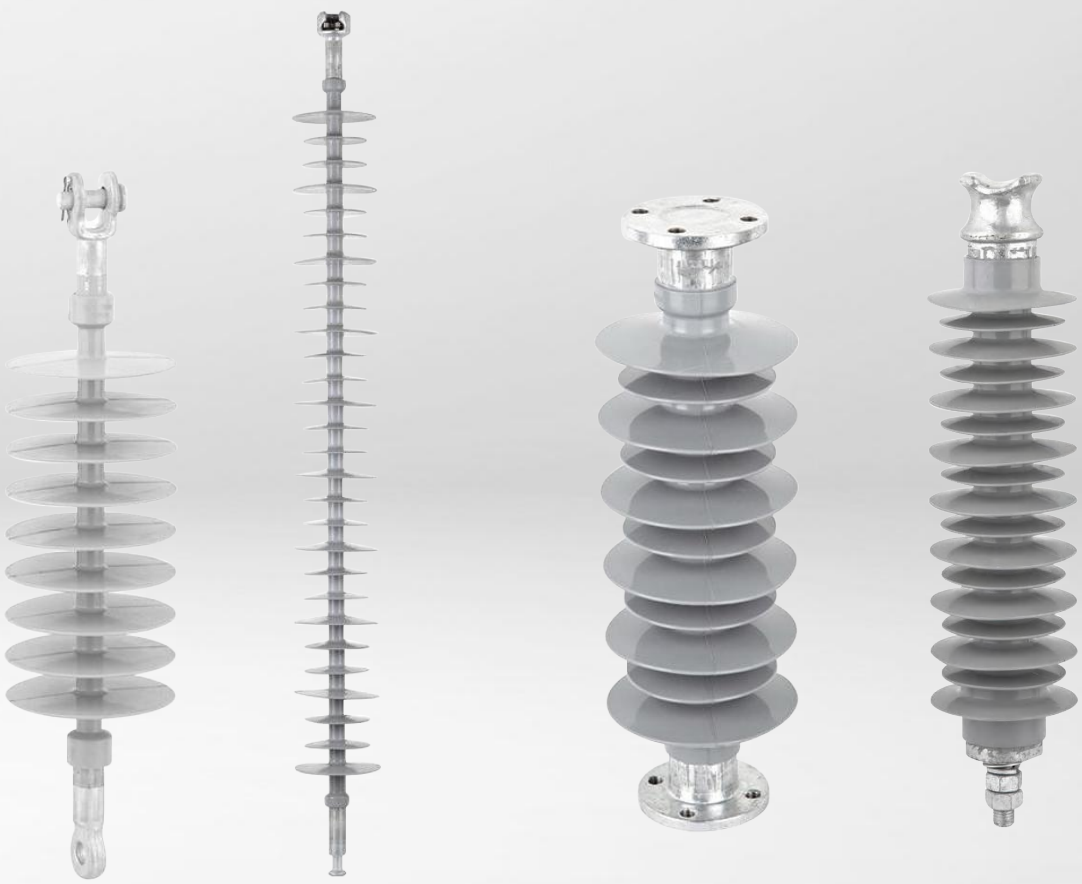
Metal-Oxide Surge Arrester

Type	MOA Rated voltage	MCOV	Current impulse residual voltage			2ms Rectangular current impulse withstand	4/10μs High current impulse withstand
			1/4μs Lightning current impulse	8/20μs Lightning current impulse	30/60μs Switching current impulse		
	kV(rms)	kV(rms)	kV(crest)	kV(crest)	kV(crest)	A(crest)	kA(crest)
YH10W-3	3	2.4	9	9	7.6	250	100
YH10W-6	6	4.8	21	18	15.3	250	100
YH10W-9	9	7.2	31	27	23	250	100
YH10W-12	12	9.6	41	36	30.6	250	100
YH10W-15	15	12	51	45	38	250	100
YH10W-18	18	14.4	62	54	46	250	100
YH10W-21	21	16.8	72	63	53	250	100
YH10W-24	24	19.2	82	72	62	250	100
YH10W-27	27	21.6	93	81	68.8	250	100
YH10W-30	30	24	103	90	76.5	250	100
YH10W-33	33	26.4	112	99	85	250	100
YH10W-36	36	28.8	123	108	92	250	100

Composite Insulator

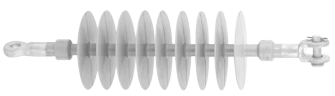
Composite insulators, also referred to as polymer insulators, utilize polymer material for insulation instead of the conventional ceramic or glass materials. Insulators are essential components in electrical equipment as they provide support and separate electrical conductors while preventing the flow of current through the insulators. Composite insulators are widely used in high voltage transmission and distribution systems due to their exceptional performance and lightweight design.

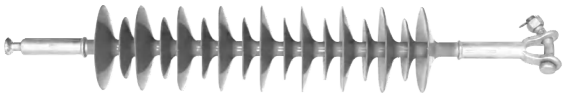
Changan Electric offers a wide range of suspension composite insulators ranging from 12 to 500kV, as well as pillar composite insulators ranging from 12 to 220kV. Our high-quality insulators are designed to provide exceptional performance and reliability, ensuring the safe and efficient operation of your electrical systems.



12-36KV

Suspension Composite Insulator





Type	Rated voltage (KV)	Specified mechanical load	Section length (mm)	Min Arc distance (mm)	Leakage distance (mm)	Lightning impulse withstand BIL(KV)	Power frequency withstand (wet) (KV)
FXBW4–12/70	12	70	350	180	400	95	45
FXBW4–24/70	24	70	550	370	850	185	95
FXBW4–24/100	24	100	570	370	850	185	95
FXBW4–35/70	36	70	650	450	1000	230	105
FXBW4–35/100	36	100	670	450	1000	230	105
FXYW4–12/70	12	70	350	180	400	95	45
FXYW4–24/70	24	70	550	370	850	185	95
FXYW4–24/100	24	100	570	370	850	185	95
FXYW4–35/70	36	70	650	450	1000	230	105
FXYW4–35/100	36	100	670	450	1000	230	105

66-500KV

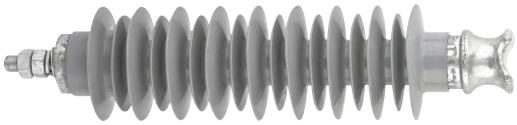
Suspension Composite Insulator

Type	Rated voltage (KV)	Specified mechanical load	Section length (mm)	Min Arc distance (mm)	Leakage distance (mm)	Lightning impulse withstand BIL(KV)	Power frequency withstand (wet) (KV)
FPBW4–66/70	66	70	900	710	1980	410	185
FPBW4–66/100	66	100	940	710	1980	410	185
FPBW4–110/100	110	100	1240	1000	3315	550	230
FPBW4–145/120	145	120	1480	1240	4123	725	355
FPBW4–220/100	220	100	2240	1900	6300	1000	395
FPBW4–220/160	220	160	2240	1900	6300	100	395
FPBW4–330/100	330	100	2990	2600	9075	1425	570
FPBW4–330/160	330	160	2990	2600	9075	1425	570
FPBW4–500/160	500	160	4080	3730	12750	2250	740

12-220KV
Pin Composite Insulator

Type	Rated voltage (KV)	Specified mechanical load	Section length (mm)	Min Arc distance (mm)	Leakage distance (mm)	Lightning impulse withstand BIL(KV)	Power frequency withstand (wet) (KV)
FZSW–12/4	12	4	215	290	100/90	75	42
FZSW–24/8	24	8	400	750	142	150	65
FZSW–36/6	36	6	450	946	148/118	185	95
FZSW–66/6	66	6	760	1886	160/130	410	185
FZSW–66/8	66	8	760	2010	220/190	410	185
FZSW–110/10	110	10	1220	3530	220/190	500	230
FZSW–220/10	220	10	2440	7060	220/190	1000	395

12-220KV
Pin Composite Insulator

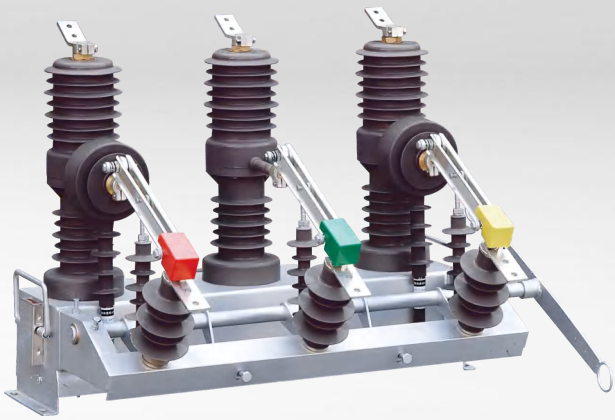


Type	Rated voltage (KV)	Specified mechanical load	Section length (mm)	Min Arc distance (mm)	Leakage distance (mm)	Lightning impulse withstand BIL(KV)	Power frequency withstand (wet) (KV)
FZSW–12/4	12	4	215	290	100/90	75	42
FZSW–24/8	24	8	400	750	142	150	65
FZSW–36/6	36	6	450	946	148/118	185	95
FZSW–66/6	66	6	760	1886	160/130	410	185
FZSW–66/8	66	8	760	2010	220/190	410	185
FZSW–110/10	110	10	1220	3530	220/190	500	230
FZSW–220/10	220	10	2440	7060	220/190	1000	395

Vacuum Circuit Breaker

Vacuum Circuit Breaker (VCB) is a specialized type of circuit breaker that utilizes a vacuum or empty space to quench the arc or interrupt the circuit. Due to their low maintenance requirements, VCBs are ideal for medium voltage applications, and are commonly utilized in voltage ranges from 11 KV to 33 KV.

Changan Electric's indoor and outdoor Vacuum Circuit Breakers are crucial for ensuring safe and dependable power supply. Our circuit breakers provide switchgear panel builders and MV application users with the assurance of reliable performance and peace of mind.



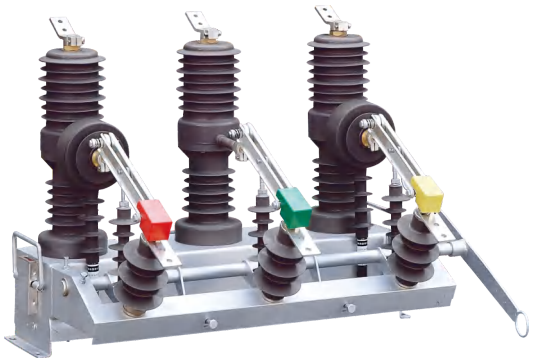
ZN63(VS1)-12

Indoor Vacuum Circuit Breaker

Sr.	Content		Unit	Value			
1	Rated Voltage		kV	12			
2	Rated Frequency		Hz	50/60			
3	Rated Insulation Level	Power Frequency Withstand Voltage in 1 min	kV	42			
		Lightning Impulse Withstand Voltage (Peak)		75			
4	Rated Short-circuit Breaking Current		kA	20	25	31.5	40
5	Rated Current		A	630	630 1250	1250、1600 2000、2500 3150	1250、1600 2000、2500 3150、4000
6	Rated Short-time Withstand Current		kA	20	25	31.5	40
7	Rated Peak Withstand Current			50	63	80	100
8	Rated Short Circuit Making Current			50	63	80	100
9	Opening time		ms	20-50			
10	Closing time		ms	35-70			
11	Mechanical Life		times	10000			
12	Rated Voltage of Aux Control Loop		V	AC110/220 DC110/220			

ZW32-12(G)

Outdoor Vacuum Circuit Breaker



Item		Unit	ZW32-12(G) /400-12.5	ZW32-12(G) /630-16	ZW32-12(G) /630-20
Rated voltage		KV	12		
Rated current		A	400	630	630
Rated short circuit breaking current		kA	12.5	16	20
Rated short circuit making current (peak)			31.5	40	50
Rated peak withstand current			31.5	40	50
Rated short time withstand current			12.5	16	20
Rated short circuit duration		S	4		
Rated insulation level	1 min power frequency withstand voltage	KV	phase to phase, to ground 42; fracture 48		
	Lightning impulse withstand voltage (peak)		phase to phase, to ground 75; fracture 85		
Rated sequence of operations			O-0.3s-CO-180s-CO		
Rated short circuit current breaking time		time	30		
Mechanical life			10000		
Rated operation voltage (opening, closing coil)		V	DC220, 110; AC220		
Allowable attrition thickness of moving and fixed contact		mm	3		
Over-current release rated current			5		
Current transformer ratio			200/5 400/5 600/5		
Clearance between open contacts		mm	9±1		
Contact over travel			2±0.5		
Average opening speed		m/s	1.2±0.3		
Average closing speed			0.6±0.2		
Opening time		ms	30~60		
Closing time			20~40		
Closing bounce time			⩽2		
Tri-phase opening and closing synchronous			⩽2		
Each phase loop DC resistance		μ Ω	⩽80		
Stored energy motor	Rated voltage	V	220		
	Rated power	W	200		
	Stored energy time	S	⩽8		
Weight		Kg	85, 125(with G)		

ZW32-12(G)C

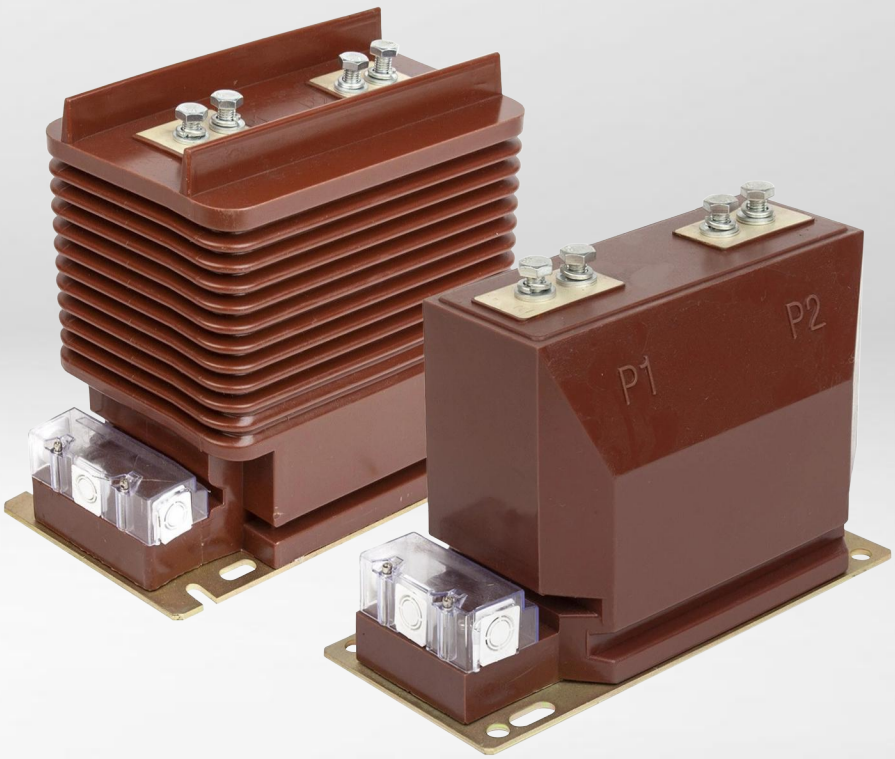
Voltage Transformer And Recloser

Item			Unit	Data
Rated voltage			KV	12
Rated insulation level	Lightning impulse withstand voltage(peak)			75
	1 min power frequency withstand voltage	Dry-type		42
		Wet-type		34
Rated current			A	200, 400, 630
Rated short circuit breaking current			KA	12.5, 16, 20
Rated operating sequence				O-0.3s-CO-180s-CO
Rated short circuit current breaking time			time	30
Rated short circuit making current (peak)			KA	50
Rated peak withstand current				50
Rated short time withstand current				12.5, 16, 20
Rated short circuit duration			S	4
Opening time under rated operation voltage			ms	15~50
Closing time				25~50
Mechanical life time			time	10000
Rated operation voltage & Rated control voltage of Auxiliary circuit			V	220/110/24
Energy-stored Timeunder rated voltage			s	<10
CT	Ratio		A	()/5
	Capacity		VA	15
PT	Output voltage		V	220/110/24
	Capacity		VA	600
Over current Adjust			A	2~10
Delay time			ms	40~850
Fast-break current			A	18
Remote-control distance			m	30
Rated input power of energy-stored motor			W	40

Instrument Transformer

Instrument transformers are devices used to transform high voltage or high current levels into levels that can safely operate measuring instruments, protection devices, and control relays. They are commonly used in AC systems for measuring electrical quantities such as voltage, current, power, energy, power factor, and frequency. Instrument transformers can also be used with protective relays for the protection of power systems.

Changan Electric, a renowned transformer manufacturer, specializes in providing customized solutions for current transformers (CTs) and voltage transformers (VTs) of varying precision levels to safeguard power systems. Our expertise in the field enables us to cater to the unique requirements of our customers with the utmost efficiency and effectiveness.



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Current Transformer

1: Two secondary single ratio

Rated transformation ratio(A)			10-200/5	300/5	400/5	500/5	600/5	800/5	1000/5	1200~1500/5	1500~2000/5	2000~3150/5
Accuary classes combination			0.2(S)/0.2(S), 0.2(S)/0.5, 0.2(S)/10P, 0.5/10P, 0.2S/0.5/10P, 0.2/0.5/10P									
Rated output	Measuring	0.2(S)	10, 15									
		0.5	15									
	Protective	10P	15							20		
Accuracy Limit Factor(ALF)			10, 15, 20									
Instrument Safety Factor (ISF)			5, 10									
Short-time thermal current Ith(kA/S)			150I1n	31.5	31.5	40	50	63	80	80	100	130
Rated dynamic current Idyn(kA)			375I1n	80	80	100	125	125	160	160	160	160

2: Three secondary single ratio

Rated transformation ratio(A)			10-200/5	300/5	400/5	500/5	600/5	800/5	1000/5	1200~1500/5	1500~2000/5	2000~3150/5
Accuary classes combination			0.2/0.5/10P, 0.5/0.5/10P									
Rated output	Measuring	0.2(S)	10, 15									
		0.5	15									
	Protective	10P	15							20		
Accuracy Limit Factor(ALF)			10, 15									
Instrument Safety Factor (ISF)			5, 10									
Short-time thermal current Ith(kA/S)			150I1n	31.5	31.5	40	50	63	80	80	100	130
Rated dynamic current Idyn(kA)			375I1n	80	80	100	125	125	160	160	160	160

JDZ(X)10
Voltage Transformer

Type	JDZ10-10A1	JDZ10-10A1, JDZX10-10A1	JDZ10-10A2	JDZ10-10A2, JDZX10-10A2
Rated primary voltage(kV)	3, 6, 10	$3/\sqrt{3}$, $6/\sqrt{3}$, $10/\sqrt{3}$	3, 6, 10	$3/\sqrt{3}$, $6/\sqrt{3}$, $10/\sqrt{3}$
Rated secondary voltage(kV)	0.1	$0.1/\sqrt{3}$/0.1/3	0.1, 0.1/0.1, 0.22	$0.1/\sqrt{3}$/0.1/3, $0.1/\sqrt{3}$/$0.1/\sqrt{3}$/0.1/3
Accuracy classes combination	0.2, 0.5, 1	0.2/6P(3P) 0.5/6P(3P) 1/6P(3P)	0.2(0.5) 0.2/0.2(0.5) 3	0.2/6P(3P) 0.5/6(3P) 0.2/0.5/6P(3P)
Rated output(VA)	15, 30, 50	15/50, 30/50, 50/50	20/40, 10/10(15), 200	20/50, 40/50, 10/15/50
Thermal limiting output(VA)	150	150	200, 300	200
Rated insulation level(kV)	3.6, 25, 40 7.2, 32, 60 12, 42, 75	3.6, 25, 40 7.2, 32, 60 12, 42, 75	3.6, 25, 40 7.2, 32, 60 12, 42, 75	3.6, 25, 40 7.2, 32, 60 12, 42, 75

Type	JDZ10-10B	JDZ10-10B, JDZX10-10B
Rated primary voltage(kV)	3, 6, 10	$3/\sqrt{3}$, $6/\sqrt{3}$, $10/\sqrt{3}$
Rated secondary voltage(kV)	0.1, 0.1/0.1, 0.1/0.22, 0.22	$0.1/\sqrt{3}$/0.1/3, $0.1/\sqrt{3}$/$0.1/\sqrt{3}$/0.1/3
Accuracy classes combination	0.2(0.5) 0.2/0.2(0.5) 0.2/3 3	0.2/6P(3P) 0.5/6P(3P) 0.2/0.5/6P(3P)
Rated output(VA)	30(50), 15/15(20), 30/300, 500	30/100, 50/100, 15/20/100
Thermal limiting output(VA)	200/200, 200/400, 800	200/400, 150/150/300
Rated insulation level(kV)	3.6, 25, 40 7.2, 32, 60 12, 42, 75	3.6, 25, 40 7.2, 32, 60 12, 42, 75

LV Fuse

NH/NH series of fuse links is used in AC 50Hz, rated voltage up to 1140V, rated current up to 1250A and for protecting electric equipment from overload and short-circuit. it can reliably break the minimum fusion current to any current within 120KA.

It is also available for the protection of semiconductor parts and equipment's against short-circuit （type aR) and protection of motors (type aM). This series of fuse links conform to lEC60269 standards.It adopts the material with high quality, The arc-extinguish-ng medium is quartz sand and fuse tube are high strength ceramic. The advanced manufacturing craft work ensures the performance of small power waste, stable characteristic for the product.

At the same time, Changan Electric also provides different fuse holders to meet installation needs.

H.R.C Fuse

LV Fuse

No.	Product model	Domestic and overseas similar products		Rated Voltage(V)	Rated Current(A)
		gG	aR		
18001	NH00C	NH00C	RS30C	500/690	4-100
18002	NH00	NH00	RS31	500/690	10-160
18003	NH0	NH0		500/690	6-160
18004	NH1	NH1	RS32	500/690	32-250
18005	NH2	NH2	RS33	500/690	80-400
18006	NH3	NH3	RS34	500/690	160-630
18007	NH4	NH4	RS39	500/690	500-1250
18008	RO30A	NH00C		500/690	4-125
18009	RT16-000	NT00C NH00C	RS30C	500/690	4-125
18010	RT16-00	NT00 NH00 RT20-00 3NA	RS31	500/690	4-160
18011	RT16-0	NT0 NH0		500/690	4-160
18012	RT16-1	NT1 NH1	RS32	500/690	32-250
18013	RT16-2	NT2 NH2	RS33	500/690	80-400
18014	RT16-3	NT3 NH3	RS34	500/690	160-630
18015	RT16-4	NT4 RT17	RS39	500/690	500-1250
18016	NH000S	NH000S		500/690	4-100
18017	NH00S	NH00S		500/690	10-160
18018	NH0S	NH0S		500/690	6-160
18019	NH1S	NH1S		500/690	32-250
18020	NH2S	NH2S		500/690	80-400
18021	NH3S	NH3S		500/690	160-630
18022	NH1C	NH1C Small capacity		500/690	16-160
18023	NH2C	NH2C Small capacity		500/690	35-250
18024	NH3C	NH3C Small capacity		500/690	200-400



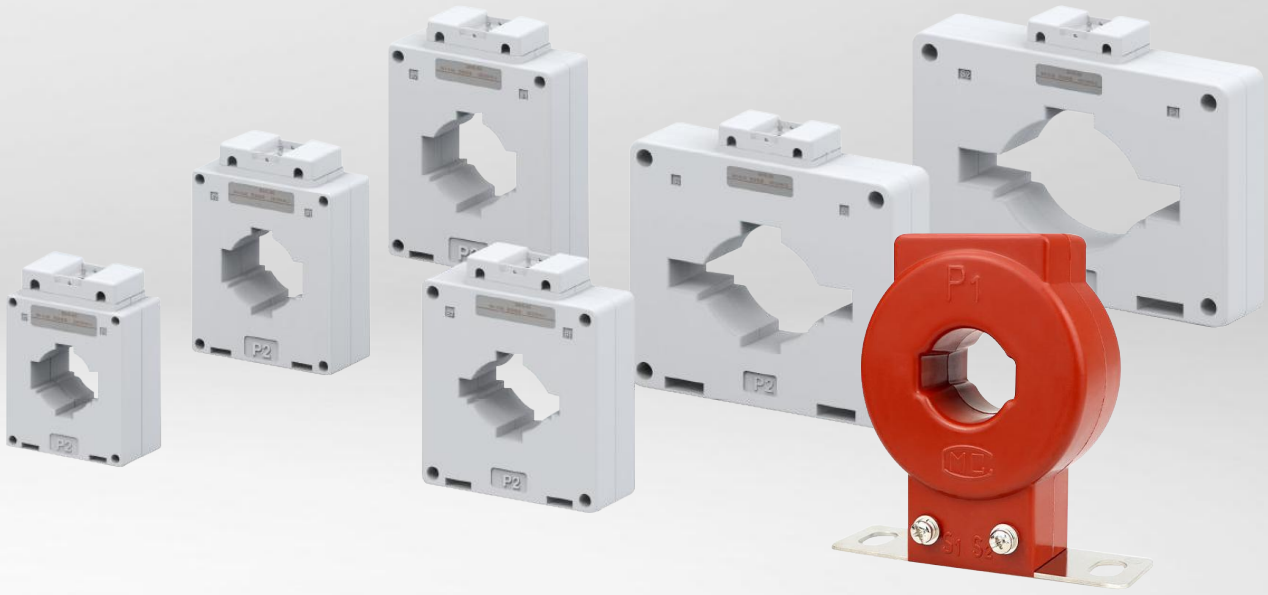
H.R.C Fuse

LV Fuse

No.	Product model	Domestic and overseas similar products	Rated Voltage(V)	Rated Current(A)
18025	NH00	NH00 NT00C(RT16-00 RT16-000 NH00)	690	160
18026	NH00-3P	NH000 NH00 RT16-000/00 NT00C/00	690	160
18027	NH1	RT16-1 NT1 NH1	690	250
18028	NH2	RT16-2 NT2 NH2	690	400
18029	NH3	RT16-3 NT3 NH3	690	630
18030	RT16-00	NH000 NH00 RT16-000/00 NT00C/00	690	160
18031	NH00-3P	NH000 NH00 RT16-000/00 NT00C/00	690	160
18032	NT0 NH0	NT0 NH0	690	160
18033	RT16-1 NT1 NH1	RT16-1 NT1 NH1	690	250
18034	RT16-2 NT2 NH2	RT16-2 NT2 NH2	690	400
18035	RT16-3 NT3 NH3	RT16-3 NT3 NH3	690	630
18036	RT16-4 NT4 NH4	RT16-4 NT4 NH4	690	1250
18037	RT16-000/00 NT00C/00	RT16-000/00 NT00C/00	690	160
18037-1	RT16-0 NT0	RT16-0 NT0	690	160
18038	RT16-1 NT1 NH1	RT16-1 NT1 NH1	690	250
18039	RT16-2 NT2 NH2	RT16-2 NT2 NH2	690	400
18040	RT16-3 NT3 NH3	RT16-3 NT3 NH3	690	630
18041	NH00C NH00	NH00C NH00	690	160
18042	NH00C NH00	NH00C NH00	690	160

LV Current Transformers

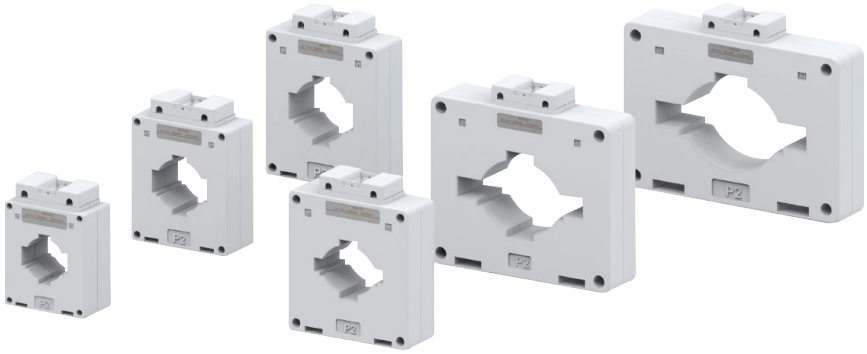
Low voltage current transformers are intended for supplying measuring instruments and protection circuits of electrical power devices with a maximum operating voltage of 0.66 kV and frequency of 50/60 Hz. Transformers are supplied with accessories which help to install and secondary terminal cover with possibility of sealing.



LMZJ1-0.5

LV Current Transformer

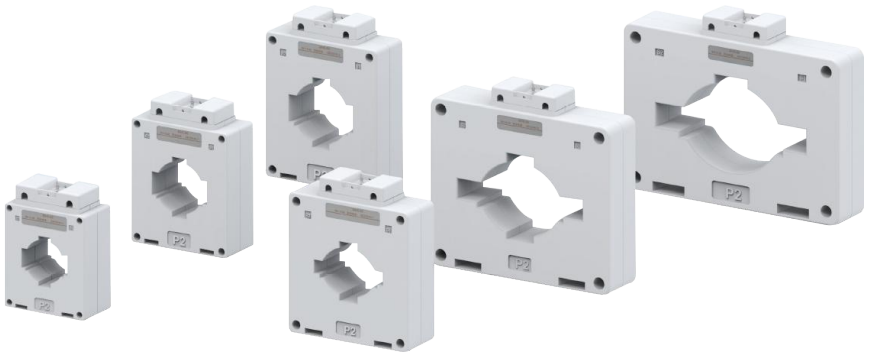
Type	Rated primary current (A)	Primary ampere-turn	Rated output(VA)					Dimension of hole (mm)
					0.5			
LMZJ1-0.5	125	125			5			Φ29
	150	150						
	200	200						
	250	250						
	300	300						
LMZJ1-0.5	400	400			5			Φ45
	500	500						
	600	600						
	800	800						Φ56
	1000	1000			10			103x50
	1200	1200						
	1500	1500						
	1600	1600						123x50
	2000	2000						
	2500	2500						
	3000	3000						



BH-0.66 I

LV Current Transformer

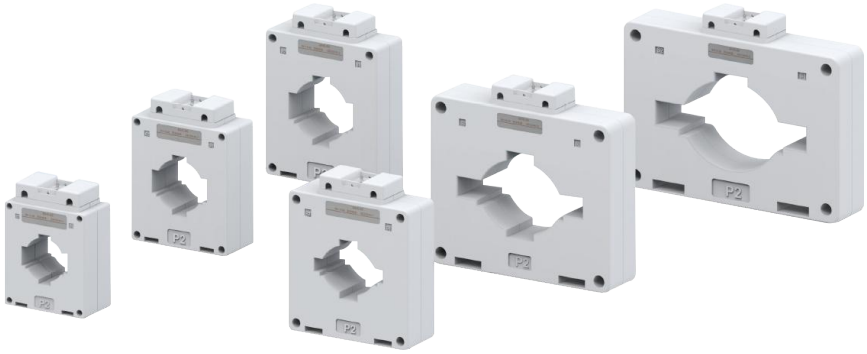
Type	Rated current ratio	Rated secondary output				Cross-core turn number
		level 1	level 0.5	level 0.5S	level 0.2S	
BH-0.66 I (Solid)	5/5	5	2.5	/	/	/
	10/5	5	2.5	/	/	/
	15/5	5	2.5	/	/	/
	20/5	5	2.5	/	/	/
	25/5	5	2.5	/	/	/
	30/5	5	2.5	/	/	/
	40/5	5	2.5	/	/	/
	50/5	5	2.5	/	/	/
	75/5	5	2.5	/	/	/
BH-0.66 30 I	30/5	5	2.5	/	/	5
	40/5	5	2.5	/	/	3
	50/5	5	2.5	/	/	2
	75/5	2.5	2.5	/	/	1
	75/5	2.5	/	/	/	1
	100/5	5	/	/	/	2
	100/5	5	5	/	/	1
	120/5	5	5	/	/	1
	150/5	5	2.5	/	/	1
	160/5	5	2.5	/	/	1
	200/5	5	5	/	/	1
	250/5	5	5	/	/	1
	300/5	5	5	/	/	1
	400/5	5	5	/	/	1
BH-0.66 30 I B	30/5	/	/	2.5	2.5	5
	50/5	/	/	2.5	2.5	3
	75/5	/	/	2.5	2.5	2
	75/5	5	2.5	/	/	1
	100/5	5	2.5	/	/	1
	100/5	/	/	5	5	2
	120/5	/	/	2.5	2.5	1
	150/5	/	/	2.5	2.5	1
	160/5	/	/	2.5	2.5	1
	200/5	/	/	5	5	1
	250/5	/	/	5	5	1
	300/5	/	/	5	5	1



BH-0.66 I

LV Current Transformer

Type	Rated current ratio	Rated secondary output				Cross-core turn number
		level 1	level 0.5	level 0.5S	level 0.2S	
BH-0.66 40 I	30/5	5	2.5	/	/	5
	50/5	5	2.5	/	/	3
	75/5	5	2.5	/	/	2
	75/5	2.5	/	/	/	1
	100/5	2.5	/	/	/	1
	100/5	5	5	/	/	2
	150/5	5	2.5	/	/	1
	200/5	5	5	/	/	1
	250/5	5	5	/	/	1
	300/5	5	5	/	/	1
	400/5	5	5	/	/	1
	500/5	10	10	5	5	1
	600/5	10	10	5	5	1
BH-0.66 50 I	150/5	2.5	/	/	/	1
	200/5	5	2.5	/	/	1
	250/5	5	5	/	/	1
	300/5	5	5	/	/	1
	400/5	5	5	/	/	1
	500/5	10	10	5	5	1
	600/5	10	10	5	5	1
	750/5	10	10	10	10	1
	800/5	10	10	10	10	1
	1000/5	10	10	10	10	1
	1200/5	20	20	20	20	1
BH-0.66 60 I	250/5	5	5	/	/	1
	300/5	5	5	/	/	1
	400/5	5	5	/	/	1
	500/5	10	10	5	5	1
	600/5	10	10	5	5	1
	750/5	10	10	10	10	1
	800/5	10	10	10	10	1
	1000/5	10	10	10	10	1
	1200/5	20	20	20	20	1
	1500/5	20	20	20	20	1



BH-0.66 I

LV Current Transformer

Type	Rated current ratio	Rated secondary output				Cross-core turn number
		level 1	level 0.5	level 0.5S	level 0.2S	
BH-0.66 80 I	300/5	5	5	/	/	1
	400/5	5	5	/	/	1
	500/5	10	10	/	/	1
	600/5	10	10	/	/	1
	750/5	10	10	10	10	1
	800/5	10	10	10	10	1
	1000/5	10	10	10	10	1
	1200/5	20	20	20	20	1
	1500/5	20	20	20	20	1
	2000/5	20	20	20	20	1
BH-0.66 100 I	600/5	10	10	10	10	1
	750/5	10	10	10	10	1
	800/5	10	10	10	10	1
	1000/5	10	10	10	10	1
	1200/5	20	20	20	20	1
	1500/5	20	20	20	20	1
	2000/5	20	20	20	20	1
	2500/5	40	40	40	40	1
BH-0.66 120 I	1000/5	10	10	10	10	1
	1200/5	20	20	20	20	1
	1500/5	20	20	20	20	1
	2000/5	20	20	20	20	1
	2500/5	40	40	40	40	1
	3000/5	40	40	40	40	1
	4000/5	40	40	40	40	1

CHANGAN GROUP CO.,LTD.
Add: No.288 Wei 17th Road,Economic Development Zone,
Yueqing City Zhejiang China.
Tel: 0086-577-62780116
Fax: 0086-577-62774090
E-mail:info@changangroup.com.cn
www.changangroup.com.cn
www.changanelectric.com
www.changan-electric.com