CORPORATION

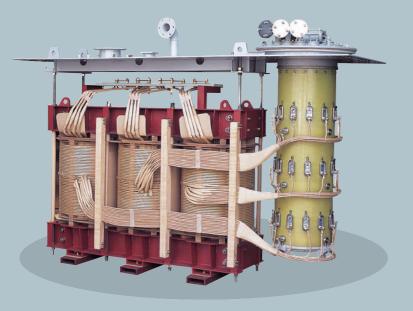


We manufacture a range of either oil or synthetic liquid-filled transformers up to 30MVA at voltages up to 60KV.

Tapping are provided on the H.V winding, controlled either by means of an off-circuit switch, or an on-load tap changer.

Cooling is normally by means of tankmounted radiators, which can be





Applicable Standards

KS (Korea Industrial Standard)

IEC (Intenational Electrotechnical Commission)

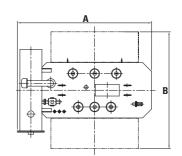
IEEE (Institute of Electrical and Electronics Engineers)

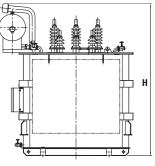
JEC (Japanese Electrical Committee)

Ratings

Phase: Three Frequency: 50/60Hz High Voltage: 66kV and Below

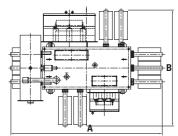
Low Voltage: 27.5kV and Below Capacity: 2,000kVA through 30,000kVA

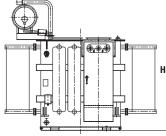




Open Type

Capacity				Dimension (mm)			Oil (ℓ)	Total W.T (kg)
(kVA)	(%)	(%)	(%)				UII (£)	Total VV.1 (kg)
2000	98.6	1.35	4.0	2350	1960	2500	1700	6200
2500	98.7	1.30	3.5	2400	2200	2600	2000	7000
3000	98.8	1.25	3.5	2600	2700	2700	2450	8600
5000	98.9	1.25	3.5	2700	2850	3100	2600	11000
6000	99.0	1.20	2.5	3000	3580	3300	3200	12000
7500	99.1	1.10	2.2	3400	3600	3500	4700	13200
10000	99.2	1.00	2.0	3400	3700	3800	5500	16200
15000	99.3	0.80	2.0	3600	3800	4000	6000	17500
20000	99.4	0.80	1.9	4000	5000	4300	6700	19000





Cable Box Type

٦	Capacity								
U	σαμαστιγ					Dimension (mm	Oil (ℓ)	Total W.T (kg	
	(kVA)	(%)	(%)	(%)	A	В	Н		Total vv.1 (kg)
	2000	98.6	1.35	4.0	2300	1900	2500	1700	6800
	2500	98.7	1.30	3.5	2450	2700	2700	2000	7500
	3000	98.8	1.25	3.5	2600	2800	2800	2450	9000
	5000	98.9	1.25	3.5	3700	3200	2850	2600	11500
	6000	99.0	1.20	2.5	4400	3250	3300	3200	12800
	7500	99.1	1.00	2.0	4600	3300	3500	4700	14000
	10000	99.2	1.00	2.0	4800	3400	3900	5500	17000
	15000	99.3	0.80	2.0	5000	3600	4100	6100	18500
	20000	99.4	0.80	1.9	5600	4000	4500	6800	20000

Transformer Standard Accessories

A		Capacit	ty (kVA)	
Accessories	1000 & Above	3000 & Above	5000 & Above	7500 & Above
H.V&L.V Bushing	0	0	0	0
Oil drain Valve	0	0	0	0
Oil Filter Valve	0	0	0	0
Oil Sampling Valve	0	0	0	0
Oil Level Indicator	0	0	0	0
Themometer	0	0	0	0
Name Plate	0	0	0	0
Dehydrating Breather	0	0	0	0
Pressure Relif Device	0	0	0	0
Conservator		0	0	0
Tap Changer	0	0	0	0
Radiator	0	0	0	0
Radiator Valve		0	0	0
Hand Hole	0	0	0	0
Lifting Lug	0	0	0	0
Grounding Terminal	0	0	0	0
Jacking Pad		0	0	0
Buchholz Relay			0	0
Ladder				0
Teminal			0	0
Skid Base	0	0	0	0

* The above are subject to change without prior notice

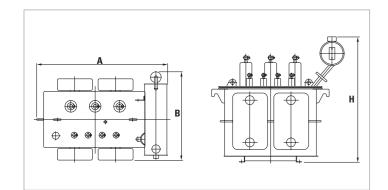


11kV or 33kV Class

Ratings

Phase: Single, Three Frequency: 50/60Hz High Voltage: 11kV, 33kV

Low Voltage: 433Y/250V, 415Y/240V, 400Y/230V



Three Phase Dimensions (11kV)

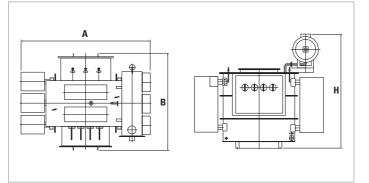
Capacity		Dimension (mm	Dimension (mm)				
(kVA)				(I)			
50	1040	700	1050	127	440		
100	1130	780	1100	163	600		
200	1140	800	1300	220	870		
300	1180	900	1350	265	1100		
500	1300	1350	1550	470	1900		
750	1600	1600	1800	600	2500		
1000	1650	1650	1850	700	3000		

11kV or 33kV Class

Ratings

Phase: Single, Three Frequency: 50/60Hz High Voltage: 11kV, 33kV

Low Voltage: 433Y/250V, 415Y/240V, 400Y/230V



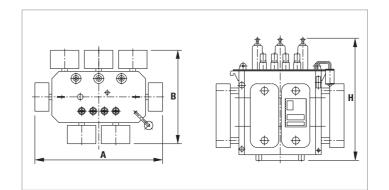
Three Phase Dimensions (11kV)

Capacity	[Dimension (mm)	Oil	Total W.T		
(kVA)						
500	1510	1400	1600	500	2100	
750	1850	1450	1800	650	2700	
1000	2100	1580	1850	755	3300	
1500	2300	1650	2050	1000	3900	
2000	2650	1700	2250	1500	4700	
3000	3000 3760		1820 2500		8400	
5000	3870	1900	2680	2600	10000	

22.9kV Class (Cover Bushing Type)

Ratings

Phase: Single, Three Frequency: 50/60Hz High Voltage: 22.9kV Low Voltage: 600V and Below



Characteristics & Dimensions (Three phase)

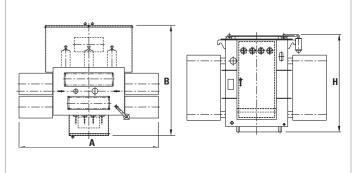
Gilalacte	i isulus ca	Dilliginging	7113 (1111 G C	pilase/				
		3	lo	Din	nension (n	nm)	Oil	Total
150 200 250 300 400	(%)	(%)	(%)	А	В	С	(ℓ)	W.T (kg)
100	97.2	1.8	6.5	1100	820	1270	210	740
150	97.5	1.7	6.2	1240	830	1370	260	950
200	97.7	1.6	6.0	1310	900	1370	280	1100
250	97.8	1.6	5.5	1350	940	1420	310	1250
300	98.0	1.5	5.5	1360	940	1480	340	1350
400	98.1	1.5	5.5	1470	1210	1530	450	1650
500	98.2	1.4	5.0	1580	1220	1580	470	1850
750	98.3	1.4	4.5	1790	1620	1700	680	2700
1000	98.5	1.3	4.0	1870	1680	1800	880	3450
1500	98.7	1.25	4.0	2580	1750	2060	1530	4550

22.9kV Class (Cable Box Type)

500

Ratings

Phase: Single, Three Frequency: 50/60Hz High Voltage: 22.9kV Low Voltage: 600V and Below



Characteristics & Dimensions (Three phase)

	η	3	lo .	Dim	ension (r	mm)	Oil	Total
Capacity (kVA)	(%)	(%)	(%)		В	С	(ℓ)	W.T (kg)
100	97.2	1.8	6.5	1200	1400	1350	280	900
150	97.5	1.7	6.2	1530	1430	1350	320	1150
200	97.7	1.6	6.0	1550	1500	1350	360	1320
250	97.8	1.6	5.5	1590	1520	1350	370	1550
300	98.0	1.5	5.5	1670	1540	1350	400	1600
400	98.1	1.5	5.5	1930	1580	1400	470	1850
500	98.2	1.4	5.0	1800	1580	1500	490	2150
750	98.3	1.4	4.5	2110	1680	1560	720	2850
1000	98.5	1.3	4.0	2300	1760	1610	950	3650
1500	98.7	1.25	4.0	2560	1850	1700	1600	4900

^{*} The above are subject to change without prior notice

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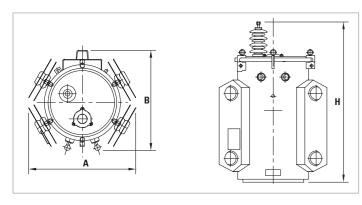
Single Phase Pole Mount Transformer



Single Bushing Type

Ratings

Frequency: 50/60Hz High Voltage: 33, 22 & 11kV Grdy Low Voltage: 600V and Below



Characteristics & Dimensions

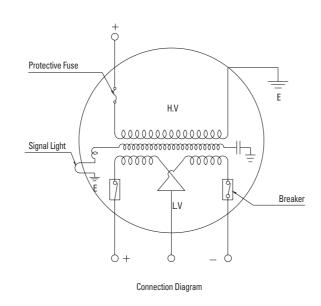
Onuracionation & Dimensions										
Capacity		Dimension (mm)	Oil	Total W.T						
(kVA)				(1)						
10	450	520	1020	30	125					
20	500	570	1060	40	170					
30	540	630	1110	50	225					
50	650	680	1160	70	305					
75	720	710	1180	90	400					
100	740	740	1270	110	485					
150	740	820	1220	110	500					



CSP Type

Ratings

Frequency: 50/60Hz High Voltage: 33, 22 & 11kV Grdy Low Voltage: 600V and Below

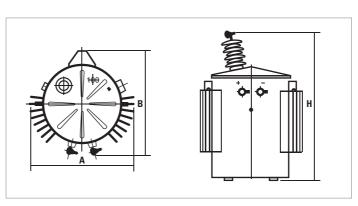




Compact Type

Rating

Frequency: 50/60Hz High Voltage: 33, 22 & 11kV Grdy Low Voltage: 600V and Below



Characteristics & Dimensions

Capacity		Dimension (mm	Oil	Total W.T	
(kVA)				(ℓ)	
20	530	610	1060	51	180
30	570	660	1080	62	220
50	590	700	1100	66	270
75	685	780	1140	102	380
100	805	820	1180	120	470

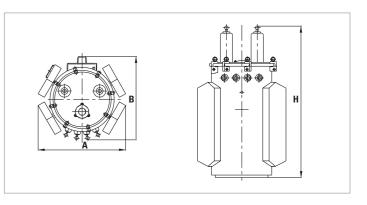




Two Bushing Type

Ratings

Frequency: 50/60Hz High Voltage: 33, 22 & 11kV Grdy Low Voltage: 600V and Below



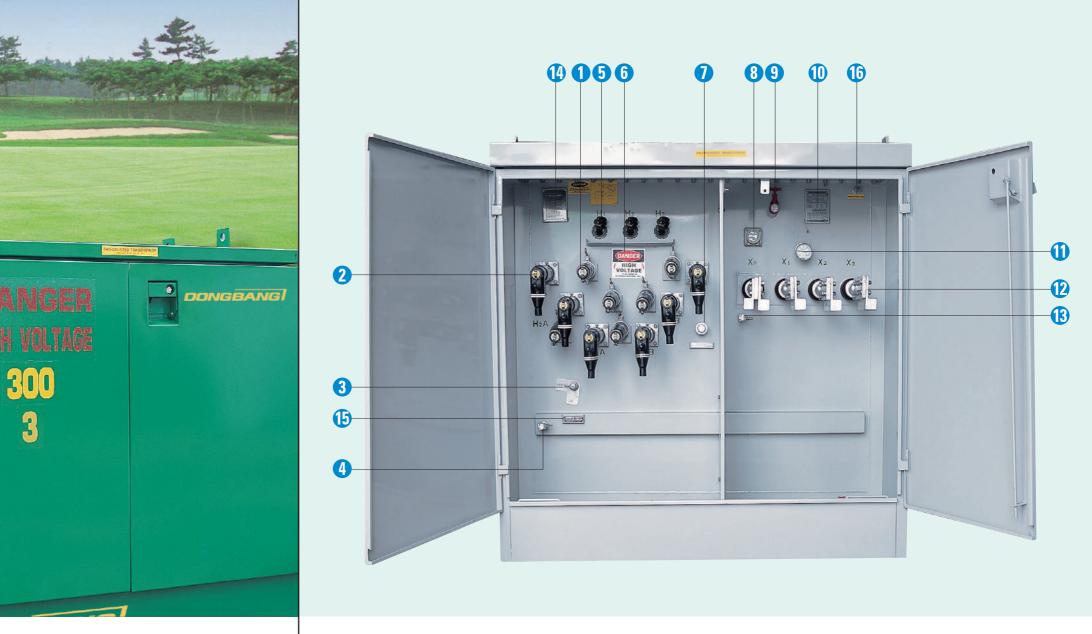
Characteristics & Dimensions

Capacity	I	Dimension (mm	Oil	Total W.T					
(kVA)				(ℓ)					
10	420	580	1100	50	170				
15	490	590	1120	60	200				
20	680	650	1150	75	250				
30	690	660	1150	80	270				
50	750	700	1200	90	360				
75	790	750	1250	110	450				
100	820	750	1280	130	560				

* The above are subject to change without prior notice







Characteristics & Dimensions

High Voltage: 6.6kV and above Low Voltage: 600V and Below

Phase: Three Frequency: 50/60Hz

Description	Capacity		BIL 95 kV			BIL150kV	
Description	(kVA)	A (mm)	B (mm)	H (mm)	A (mm)	B (mm)	H (mm)
Dead front Radial feed	45	1500	1000	1300	1600	1150	1400
	75	1500	1000	1300	1600	1150	1400
	112.5	1500	1100	1300	1600	1200	1400
###### •	150	1500	1200	1400	1600	1200	1650
	225	1550	1250	1400	1700	1250	1700
	300	1550	1450	1400	1700	1650	1800
(s s) ob 4 →	500	1600	1450	1500	1700	1650	1800
Щ Ш	750	1600	1700	1500	1800	1700	2050
'	1000	1600	1750	1600	1800	1800	2100
Dead front Loop feed	45	1550	1000	1450	1800	1150	1550
	75	1550	1000	1550	1800	1150	1600
	112.5	1550	1100	1600	1800	1200	1650
	150	1550	1200	1650	1800	1200	1700
### ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	225	1600	1250	1700	1800	1250	1750
MA III MA III P	300	1600	1350	1750	1800	1350	1850
	500	1650	1450	1850	1900	1650	1950
(C 2) (C 2) (C 2)	750	1650	1700	1950	1900	1700	2100
ı	1000	1650	1750	2100	1900	1800	2150

DON

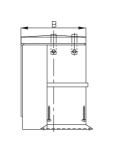
 $\label{lem:continuous} A \ pad-mounted \ transformer \ is \ specifically \ designed \ for \ applications \ of$

underground distribution loads ; apartments, schools, shopping centers, and industrial plants. For radial or loop feed applications, both live front and dead

It is on oil-filled single or three phase distribution transformer.

front construction is available.

A

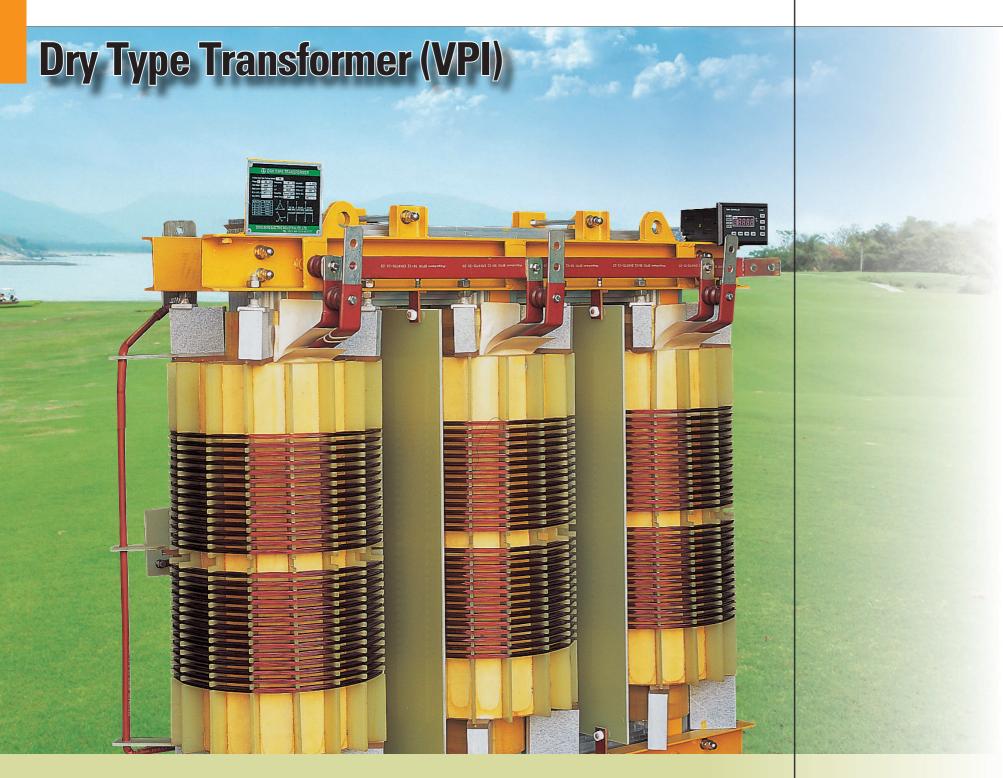


- 1. PACKING STAND.
 INSULATED STAND-OFF BUSHING
 INSULATED PROTECTIVE CAP
- 2. LOAD BREAK ELBOW CONNECTOR BUSHING WELL & INSERT
- 3. LOAD BREAK SWITCHGEAR
- 4. NEUTRAL TERMINAL (H.V)
- 5. BAY-O-NET FUSE HOLDER
- 6. DANGER MARK
- 7. TAP CHANGER
- 8. OIL LEVEL GAUGE

- 9. FILTER VALVE
- 10. NAME PLATE
- 11. THERMOMETER
- 12. SECONDARY BUSHING TERMINAL LUG
- 13. GROUND TERMINAL (L.V)
- 14. FUSE NAME PLATE
- 15. GROUND LUGS
- 16. PRESSURE RELIEF VALVE



^{*} The above are subject to change without prior notice







The coils shall be dried at atmospheric pressure in an over through which hot air is continuously circulated.

The totally dried coils shall be vacuum pressure impregnated in polyester resin varnish.

The VPI process shall apply a one cycle polyester protective shield of varnish to the coils.

The VPI process shall effectively impregnate the coils assemblies, thus resulting in a unit which is virtually impermeable to moisture, dust, dirt, salt air, and other industrial contaminants.

The VPI processed coils shall be permanently assembled on the core, and then dipped in polyester resin varnish.

The varnish shall be cured on the core and coil assembly following an established temperature vs. time baking cycle in a hot air circulating oven.

Substation (22.9kV CLASS) & Distribution Transformers

Ratii

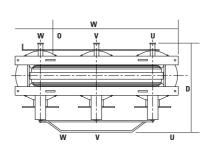
Phase: Single, Three Frequency: 50/60Hz Primary Voltage: 25kV and Below Secondary Voltage: 120V thru 6600V

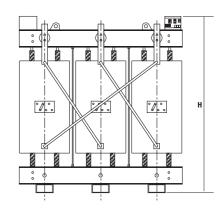
Specification

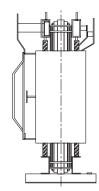
Cooper Winding

AA, AA/FA Only "H"Class

ANSI (IEEE), IEC, JEC, KS







Dimensions

Capacity	Impedance	Voltage variation rate	Efficiency		Dimension (mm)		Weight
(kVA)	(%)	(%)	(%)		D		(Kg)
100	6.0	2.1	97.4	1020	680	1100	570
200	6.0	2.0	98.0	1150	700	1200	830
300	6.0	1.7	98.1	1160	710	1340	1030
400	6.0	1.6	98.3	1220	730	1410	1200
500	6.0	1.5	98.3	1330	770	1450	1430
600	6.0	1.5	98.3	1360	780	1500	1640
750	6.0	1.4	98.5	1420	810	1530	1950
1000	6.0	1.3	98.6	1510	840	1610	2400
1500	6.0	1.2	98.8	1700	870	1800	3300
2000	6.0	1.1	98.8	1850	900	1930	4100

* The above are subject to change without prior notice

Characteristics

Item	VPI Transformer	Mold Transformer	Oil Transformer
Insulation class	"H" type	"F" type, "B" type	"A" insulation
Maximum temperature limits	220 ℃	130~150℃	90℃
Nonflammable degree	Excellent	Excellent	Good
Disaster prevention	Excellent	Excellent	Good
Small size & light weighted	Excellent	Very good	Good
Maintenance	Excellent	Very good	Good
Environment-friendly degree	Excellent	Very good	Good

VPI (Vacuum Pressure Impregnation)

High level of Safety

Hish Reliablilty

Environmentally Friendly

Increase emergency overload capablilty

No cracking

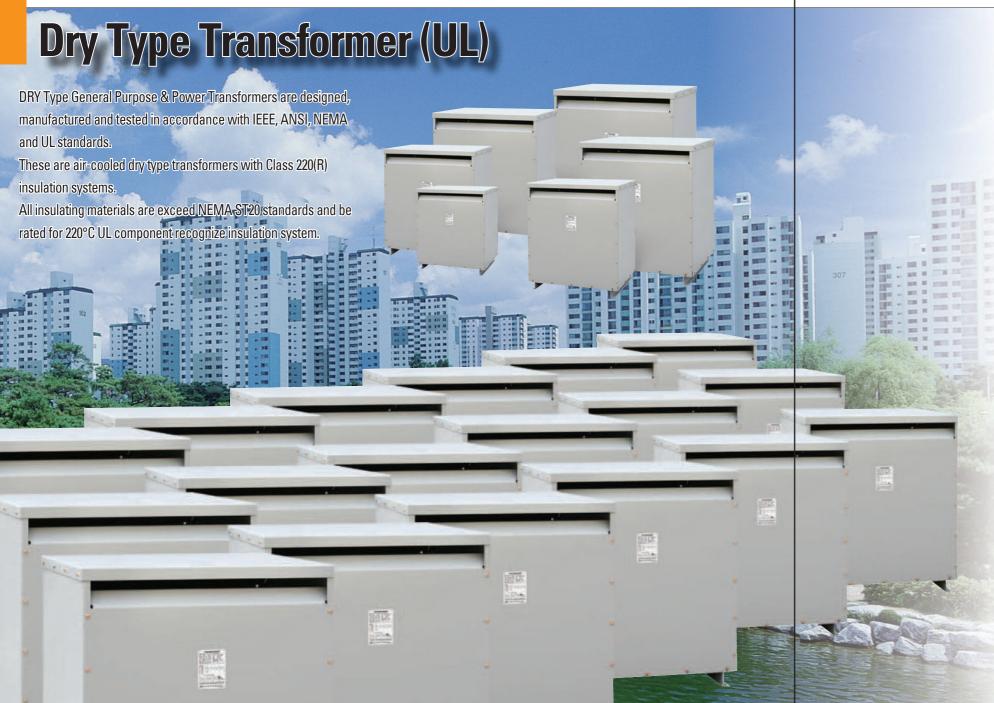
Low Noise & Easy Maintenance

Small size & Light Weighted

Space Utilization

Designed to be free of partial Dischange





STANDARD FEATURES

NEMA TYPE 1

FLOOR MOUNTING TYPE

COOLING CLASS "AA"

UL LISTED

3 Phase, 45 - 300kVA 480V - 208Y / 120V (Dyn 1)

COPPER WINDINGS **INSULATION SYSTEM 220**



ELECTRICAL RATING: Delta to WYE, 50/60Hz

VOLTAGE TAPS: Transformers in most cases shall have a minimum of 480V (+2, -4, 2.5%) full capacity primary taps (432/444/456/468/480/492/504).

PERCENT IMPEDANCE & TEMPERATURE RISE

Catalogue No.	Phase	Freq.	kVA	Ambient Temp.	①Max. Temp. Rise	Insulation System Rating	% Imp.
DC342B045I	3	60	45	40°C	94°C	220°C	2.5
DC342B075I	3	60	75	40°C	94°C	220°C	3.0
DC342B112I	3	60	112.5	40°C	94°C	220°C	3.4
DC342B150I	3	60	150	40°C	116°C	220°C	3.0
@*DC342B225I	3	60	225	40°C	75°C	220°C	3.9
@*DC342B300I	3	60	300	40°C	107°C	220°C	3.43

① Data based on UL File E306669. @•Use wire rated for at least 90°C.

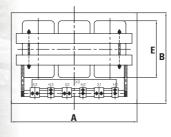
COOLING CLASS & WEIGHT

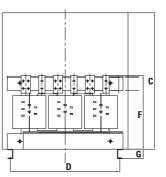
Catalogue No.	Insulation System	Winding	Cooling Class	Vector Group	Weight (LBS)
DC342B045I	Dongbang-220	COPPER	"AA"	Dyn 1	639(° ±10%)
DC342B075I	Dongbang-220	COPPER	"AA"	Dyn 1	684(° ±10%)
DC342B112I	Dongbang-220	COPPER	"AA"	Dyn 1	1058(° \pm 10%)
DC342B150I	Dongbang-220	COPPER	"AA"	Dyn 1	1382(° ±10%)
DC342B225I	Dongbang-220	COPPER	"AA"	Dyn 1	2059(°±10%)
DC342B300I	Dongbang-220	COPPER	"AA"	Dyn 1	2508(° ±10%)

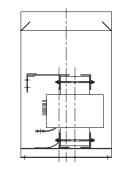
INSULATION SYSTEM

These transformers are provided with Class 220(R), electrical insulation system, File E304840, Vol.1, Sec.2, Designation DongBang-220.

OUTLINE DRAWING







DIMENSION

Catalogue No. Rating (kVA)	Rating	Cased (mm)			Core & Dim. (mm)		
	А						
DC342B045I	45	750	630	853	483	254	486
DC342B075I	75	750	630	893	545	321	510
DC342B112I	112.5	750	630	1023	555	325	585
DC342B150I	150	870	760	1103	689	365	630
DC342B225I	225	1170	830	1183	944	430	700
DC342B300I	300	1170	870	1233	954	470	738

SOUND LEVELS

DONGBANG Dry Type General Purpose and Power transformers are designed and manufactured to comply with NEMA and ANSI

DONGBANG Dry type general purpose transformers shall be quite type with maximum sound level at 3 Decibels less than NEMA and ANSI standard level for transformer rating indicated.

kVA	NEMA Standard Sound Level (DB)	Average Sound Level (DB)
10~50	45	42
51~150	50	47
150~300	55	52

DB-GS Series Load Break Switch

DB-GS series is 3 phase, SF6 gas and polymeric insulated load break switchs (LBS) for overhead lines operating at a voltage up to 25.8kV. It meets the demand for oil-less and maintenance free operation with SF6 gas and polymeric, related parts and devices installed inside its hermetically sealed stainless steel tank.

DB-GS load break switchs can be manually operated or motorized for sectionalizing, automation and remote control to suit your power line requirements.

DB-GS series load break switchgear has been fully certified in accordance with IEC 60694 (1996), IEC 60265 (1998) and ANSI/IEEE C37:71 (1984) to meet and exceed customer specifications





SF₆ GAS Insulated Type



Polymeric Insulated Type

OUTSTANDING FEATURES



- SCADA-mate Configuration, or 3 Current Transformers and 6 Resistive Voltage Sensors are integrated inside of the tank. So extra cost to attach the CT and Voltage Sensor is not necessary.
- >>> World First Resistive Voltage Sensors with an accuracy of 0.5%, while traditional capacitive sensor has 3% accuracy.
- SF6 Gas Insulation and Interruption Media is enclosed in stainless steel tank sealed for life and maintenance free with less than 0.2% leakage rate per year, showing normal insulation and interruption performance even at an atmospheric gas pressure.
- >>> Unique and Field Proven Puffer and Heavy duty Tulip-Shaped Contacts made of arc resistant Cu-W tip ensures short arcextinguishing time of less than 0.5 cycles and more than 400 times load current capacity.
- >>> There is no plastic material between open contacts, so SF6 gas makes no deterioration combined with arc and leakage current in the tank
- >>> Insulation Coordination enables outside flash over first. The outside flash over voltage is the least, the inside flash over voltage is next to it, and the puncture voltage of the bushings is the most among them.
- >>> Toggle Action Spring Mechanism that has very simple and reliable structure for close and open operation, and that is independent from operator's handling power or speed shows quick open and quick close operation below 0.7 sec when operated by motor.
- »» Safety Bursting Membrane releases overpressure gas safely from the enclosed tank at a pressure of 0.3~0.7kgf/Cm²•G.
- >>> You can easily check the on/off position of the main contacts by ON/OFF Position Indicator directly connected with the main shaft from the ground level

DB-GS-AUTO TYPE LOAD BREAK SWITCH

DB-GS-Auto Type load break switch integrates 3 current transformers and 6 voltage sensors inside the tank.

Motor parts that is enclosed in the stainless steel box welded underneath the tank operate the main shaft only while electrical operation, so in any case, DB-GS-Auto type Switch reserves all the benefits of simplicity and reliability of manual operation.

Lead Acid Battery provides DC power to the control circuit board in case of AC power source failure. The batteries have sufficient capacity to sustain more than 24 hour operation while failure of AC power supply.

DB-GS-MANUAL TYPE LOAD BREAK SWITCH

DB-GS-MANUAL Type Load Break Switch operates manually without and separate control unit and any power supply.

INFORMATION FOR CUSTOMERS INQUIRY

- »» If you take following advice when you make an inquiry to us, you will get more detailed and earlier reply.
- >>> Select product's type, voltage class, continuous current, and short-time withstand current
- >>> Select the control type combined, parts or functions you want to be included in the equipment
- >>> Select delivery place and transportation method
- $>\!>\!>$ Write the selected specifications to us by email or fax.

ELECTRICAL CHARACTERISTICS

Description	DB	-GS
Rated Maximum Voltage	25.8kV	11/15kV
Rated Frequency	50/60Hz	50/60Hz
Rated Continuous Current	400A(630A)	400A(630A)
Number of Phases	3	3
Rated Impulse Withstand Voltage (BIL)	150kV	150kV
Rated Short Time Withstand Current (rms)	12.5kA (1sec)	12.5kA (1sec)
Cable Charging Current (rms, sym.)	20A	20A
Transformer Magnetizing Current Current (rms)	14A	14A(21A)
Line Charging Current	2A	2A
Power Frequency withstand Voltage 60kV (dry-1min/wet-10sec)	60kV	60kV
Electrical Operations	400 times	400 times
Mechanical Operations	5,000 times	5,000 times
Weight without Mounting Frame	200kg	200kg

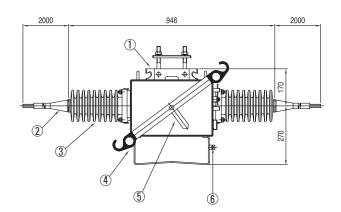


SF₆ GAS Insulated Type

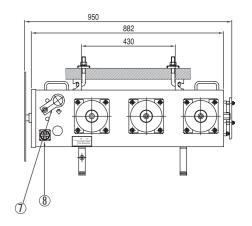
1. Lifting Lug

DB-GS Series Load Break Switch

- 2. Moldcone Lead Wire
- 3. Porxelain Bushing
- 4. Menual Operating Handle
- 5. Indicator
- 6. Earth Terminal
- 7. Operation Locking Handle
- 8. Receptacle

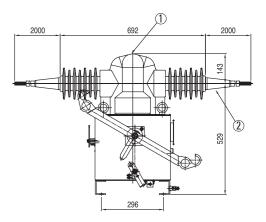




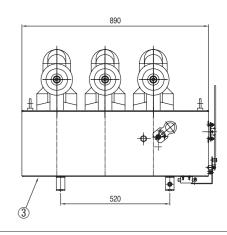


Polymeric Insulated Type

- 1. Epoxy Insulation Body
- 2. Moldcone Lead Wire
- 3. Enclosure















- SF6 Gas Insulation Media which is enclosed in stainless steel tank sealed for life and maintenance free with less than 0.2% leakage rate per year, showing normal insulation and interruption performance even at an atmospheric gas pressure
- >>> Unique and Field Proven Puffer and Heavy duty Tulip-Shaped Contacts made of arc resistant Cu-W tip ensures short arc-extinguishing time of less than 0.5 cycles and more than 400 times load current capacity
- » Internal power source through integrated capacitor-potential transformer combination for the control circuit's power
- >>> Three phase group-operated mechanism offers regular close-open speed regardless of operating speed or method (manual or electrical)
- >>> Front ground circuit bushings offer easy cable testing
- Deadfront design and mechanical interlock between main and earth Switch provides a high level of safety and efficient maintenance. Closed state of main circuit switch interlocks grounding circuit switch, and also closed state of grounding circuit switch interlocks main circuit switch in every ways.
- » Integrated capacitive voltage sensors, CT's and internal power supply makes this switch easy to be installed in SCADA system

DB-PAD-AUTO TYPE

- Every bushing in DB-PAD-AUTO Type Pad Mounted Load Break Switch is installed with CT and voltage sensor, so most electrical values of connected distribution system can be measured. And, combined with SCADA-mate control and RTU, this switch can be operated from system remote control center.
- >>> Lead Acid Battery provides DC power to the control circuit board in case of AC power source failure. The batteries have sufficient capacity to sustain more than 24 hour operation while failure of AC power supply.

DB-PAD-MANUAL TYPE

» DB-PAD-MANUAL Type Pad Mounted Load Break Switch operates manually without and control unit and any power supply.

INFORMATION FOR CUSTOMER'S INQUIRY

- » If you take following advice when you make an inquiry to us, you will get more detailed and earlier reply.
- Select the product's type, the number of ways, combination of circuit breaker and switch, voltage class, continuous current, and short time withstand current
- >>> Select the control type, parts or functions you want to be included in this equipment
- Select delivery place and transportation method
- >>> Write the selected specifications to us by email or fax.



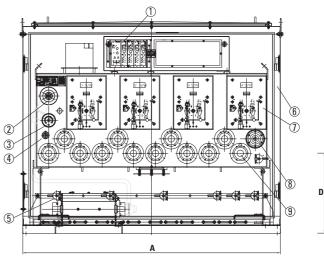


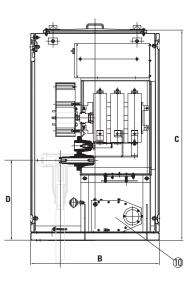
ELECTRICAL CHARACTERISTICS

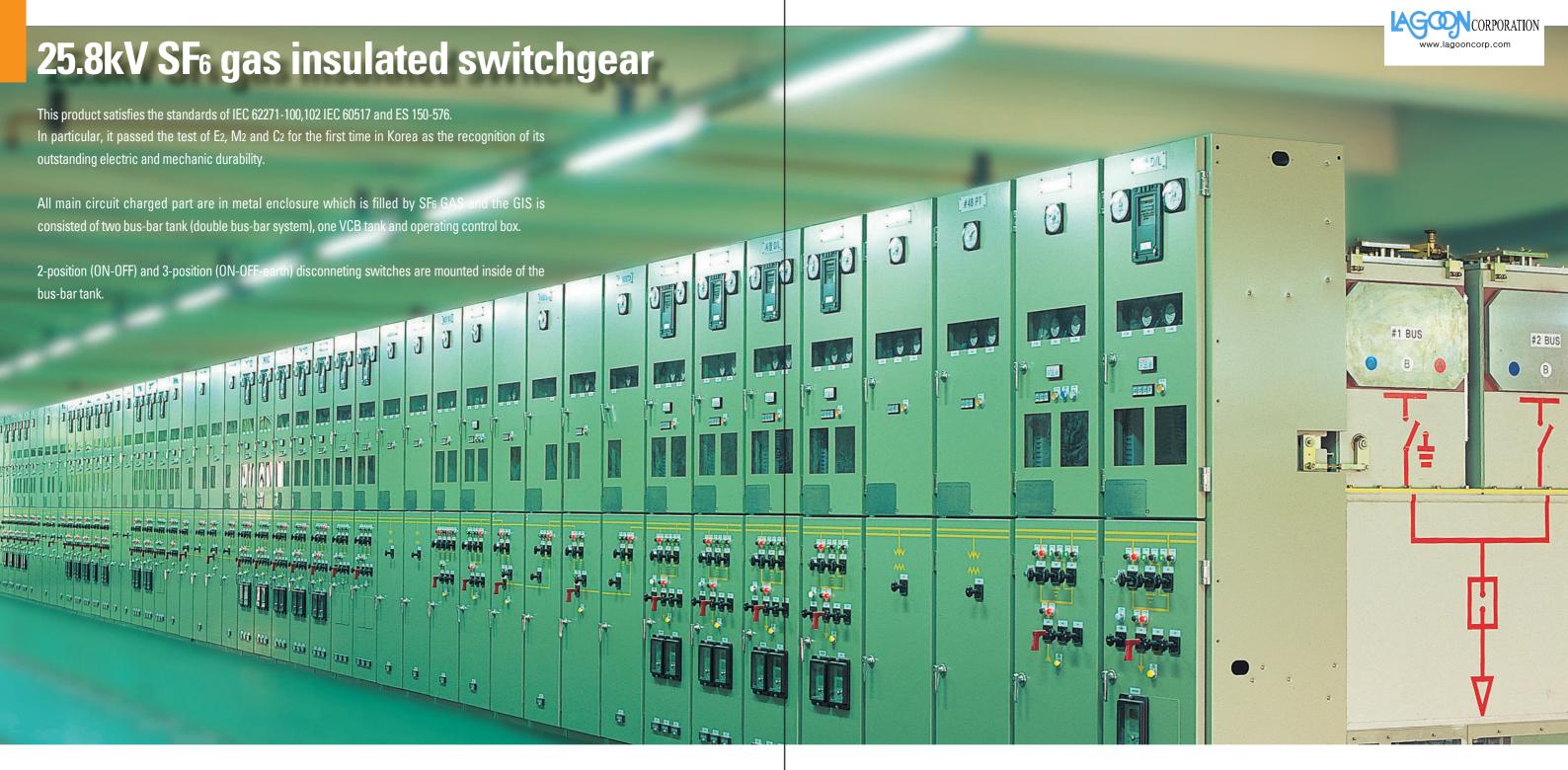
D	ESCRIPTION	D	B-PAD
Maximum System Voltage		25.8kV	11/15kV
Rated Frequency		50/60Hz	50/60Hz
Rated Continuous Current		630A	630A
Rated Fault Making Current (peak)		32.5kAp	32.5 kAp
Electrical Operation Time (Close/Open)		700 ms each	700 ms each
Number of Mechanical Operations (main)		5,000 times	5,000 times
Number of Mechanical Operations (ground)		1,000 times	1,000 times
Short Time Withstand Current (rms)		12.5kA (1sec)	12.5kA (1sec)
	Mainly Active Load Current	630A	630A
	Cable Charging Current Breaking	25A	25A
Breaking Capacity	Magnetizing Current Breaking	21A	21A
	Line Charging Current Breaking	1.5A	1.5A
	Closed Loop Breaking Current	630A	630A
	Lightning Impulse Withstand Voltage	125 kV BIL	125 kV BIL
Insulation Level	Power Frequency Withstand Voltage	60kV	60kV
	DC Voltage Withstand Voltage	78kV	78kV
Weight without Outer Enclosure (4 way)		300kg	300kg

- 1. Local Controller
- 2. PT Bushing
- 3. SF6 Gas Pressure Gauge
- 4. SF₆ Gas Filling Valve
- 5. Grounding Lug
- 6. Enclosure
- 7. Operating Shaft & Indicator
- 8. Earth Bushing
- 9. Main Bushing
- 10. PT

Model	Dimension (±3%)			
			C	
4 W-4S (Auto)	1600	800	1300	540
3 W-3S (Manual)	1200	800	1200	540
4 W-4S (Manual)	1600	800	1200	540







KAIIN

Voltage: 25.8kV Frequency: 50/60Hz Current: 2000A/600A Short Time Withstand Current (1sec): 25kA Impulse Voltage: 150kV Breaking Capacity: 25kA

SPECIFICATION

Guaranteed ON-OFF times on no-load

- VCB: 10,000 times
- D . S: 1,000 times

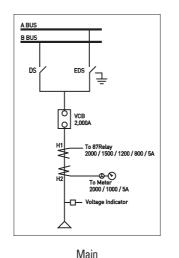
Performed test: "Class 2 (E2, M2, C2)"

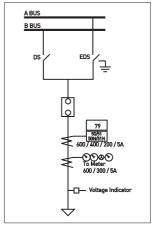
FEATUR

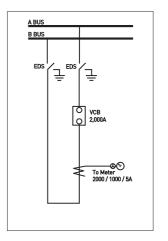
- »» VT Panel is separately installed for voltage monitoring of double bus-bar.
- 3 compartment (2 bus-bar compartment and 1 VCB compartment) are completely separated for easy maintenance.
- » 3 rupture disk (pressure release device) are installed at each compartment.
- When the gas is leaked to become 0 air pressure (atmospheric pressure) it would endure to the highest voltage of operation

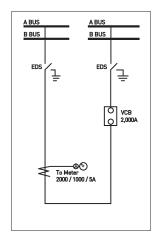


Bellows for panel connecting and absorbing of impact. It is made be stainless steel.









Feeder Bus Tie Bus Section