



15KV THROUGH 38KV LOAD BREAK SWITCH

- ▶ LBS 15kV
- ▶ LBS 27kV
- ▶ LBS 38kV

BEST PRODUCT & BEST SERVICE







CÔNG TY CỔ PHẦN VINA ELECTRIC
HÀNG SẢN XUẤT THIẾT BỊ CÔNG NGHIỆP ĐIỆN



Vina Electric Corporation was established in 2009. We are proud to be a reputable industrial electrical equipment manufacturer in Vietnam in the field of providing equipment on power transmission networks from 0.6kV up to 500kV.



Vina Electric invests in modern machinery and equipment to produce industrial electrical equipment products with high standards and meet the Vietnamese electricity industry market, and is ready for international export.



Vina Electric products are recognized by major brands such as: Kema, Egu, Intertek, Quatest,... Along with that, there are raw materials imported from the famous German company Walker.



Currently, Vina Electric has been supplying to the Vietnamese electricity market in all three regions: North - Central - South.

LOAD BREAK SWITCH (LBS)

LBS

15kV - 27kV - 38kV

Overview:

- LBS load circuit breakers made in Vietnam are manufactured in accordance with IEC 62271-103:2011 standards.
- LBS product line is suitable for installation on outdoor poles, can withstand sun, rain, wind, dust, pollution,...
- All-in-one design for SCADA system with current, voltage, and voltage sensors integrated inside the device.
- No oil, no maintenance required. LBS uses SF6 gas as insulation and cutting solvent.
- The LBS body is made from stainless steel with a thickness of more than 3mm, designed for maximum durability and minimal weld seams to minimize corrosion.
- High mechanical durability with 5,000 test operations and guaranteed 10,000 actual operations.
- Fast closing with independent operating mechanism, reversing spring mechanism.
- The product's insulation meets the quality requirements of IEC 62271-103:2011.z standards

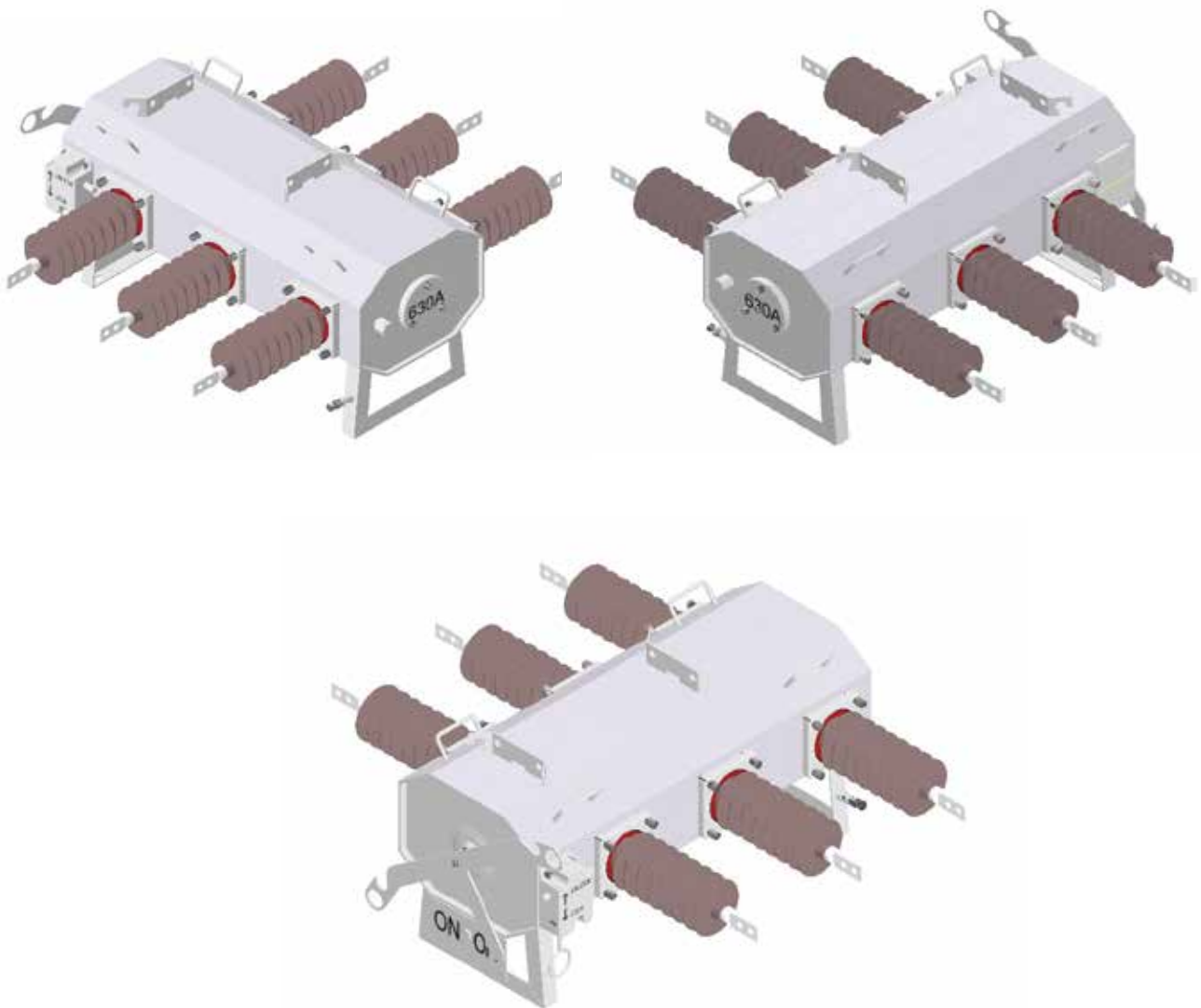


LOAD BREAK SWITCH (LBS)

LBS installation conditions:

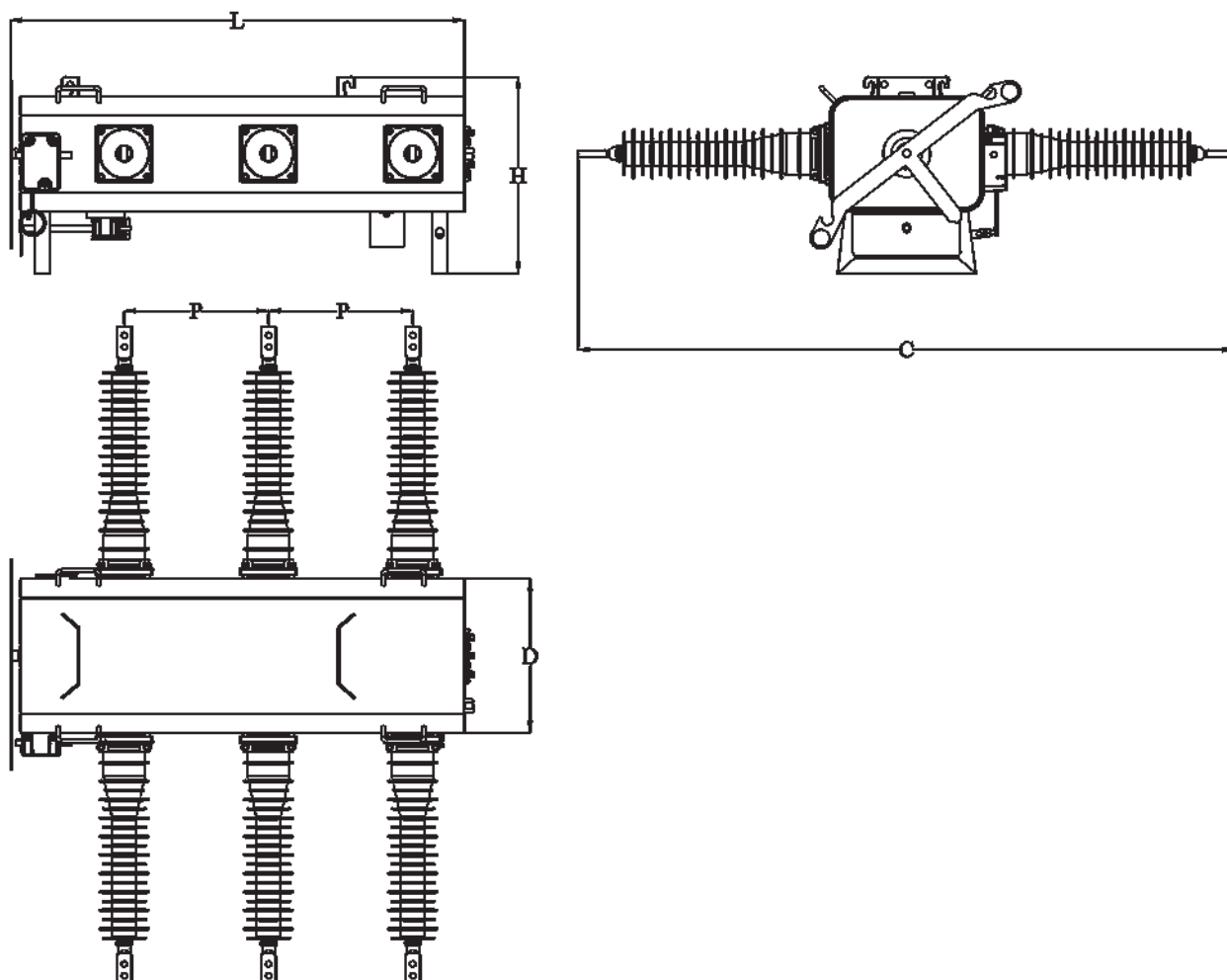
- + Ambient temperature: -25~70oC (Model without control cabinet: -40~70oC).
- + Maximum radiation: 1,100 W/m2.
- + Relative humidity: Up to 95% RH.
- + Wind speed: 45 m/s.
- + Altitude: Up to 2500m above sea level.
- + Climate conditions: Tropical climate.
- + Pollution level: Severe pollution (ESDD 0.35 mg/cm2).

3D drawings



LOAD BREAK SWITCH (LBS)

Dimension drawings of Load Break Switch



ĐIỆN ÁP	P	L	H	D	C
15kV	250	920	512	400	1000
27kV	300	1020	512	400	1245
38kV	375	1180	512	400	1706

Đơn vị đo: mm Sai số kích thước: $\pm 3\%$

Chú ý: Vì chính sách liên tục cải tiến sản phẩm, chúng tôi được quyền thay đổi thiết kế và thông số kỹ thuật mà không cần báo trước
(Note): Because has a policy of continous product improvement, we reserve the right to change degsin and specification withoutnotice

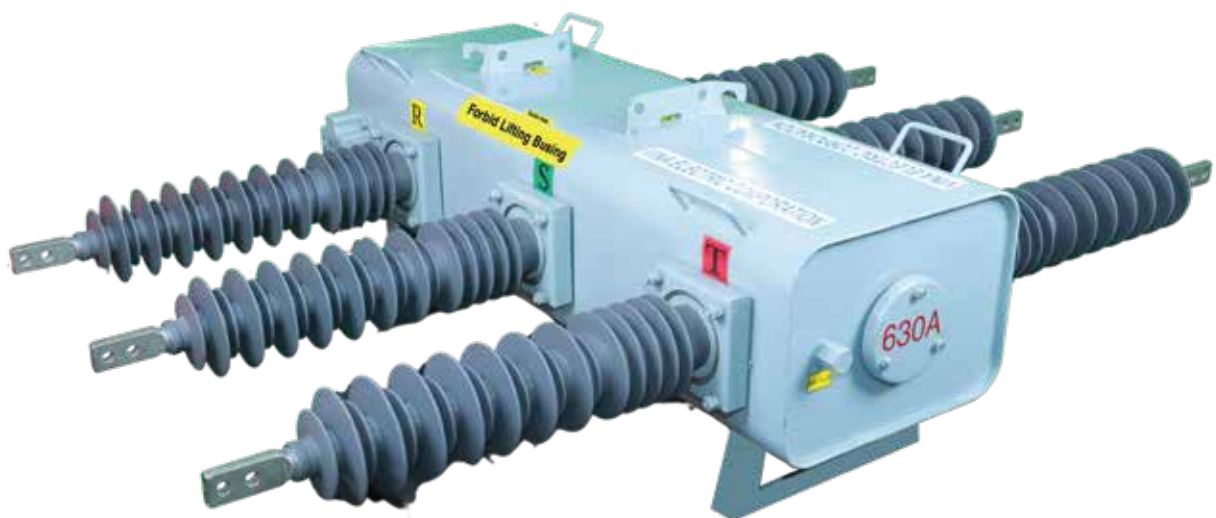
LOAD BREAK SWITCH (LBS)

Technical parameter

Product type	LBSF-27-63	LBSF-38-63
Maximum system voltage	27kV	38kV
Rated continuous current	630/ 800A	630/800A
Rated frequency	50/60Hz	50/60Hz
Rated short circuit withstand current	25kA/1s; 12.5kA/3s	25kA/1s; 12.5kA/3s
Rated peak withstand current	65 kA (Maximum)	65 kA (Maximum)
Number of load cutting operations	1000 times	1000 times
Short circuit current (Peak)	32,5 kAp	32,5 kAp
Number of peak operations	5 lần	5 lần
Cable feed line	25A (200A)	20A
Ability to cut off line current	1.5A	2A
Closed loop current	630A	630A
Transformer magnetizing current	22A	22A
Industrial frequency withstand voltage		
Wet conditions 10 seconds	50kV	70kV
Dry condition 1 minute	60kV	70kV
Lightning surge withstand current test	150kV	170kV
Arc extinguishing and electrical insulation methods	Khí SF6	Khí SF6
Creepage distance	740mm	960mm
Leakage distance (Silicon)	826mm	1084mm
IP protection level	54	54
Closing/closing time	<0,7s	<0,7s
Operating mechanism	10000 lần	10000 lần
Operating temperature	-25(-40)~70°C	-25(-40)~70°C
Nominal pressure (kgf/cm ² G, 20°C)	0,7	0,7
Burst pressure (kgf/cm ² G)	4 ~ 6	4 ~ 6
Minimum air pressure (kgf/cm ² G)	0	0
Leak rate (cc/sec)	1,1x10 ⁻⁷	8,2x10 ⁻⁷

LOAD BREAK SWITCH (LBS)

Actual image





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GET IN TOUCH



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