

OSR

FAEN

HIGH VOLTAGE EQUIPMENT

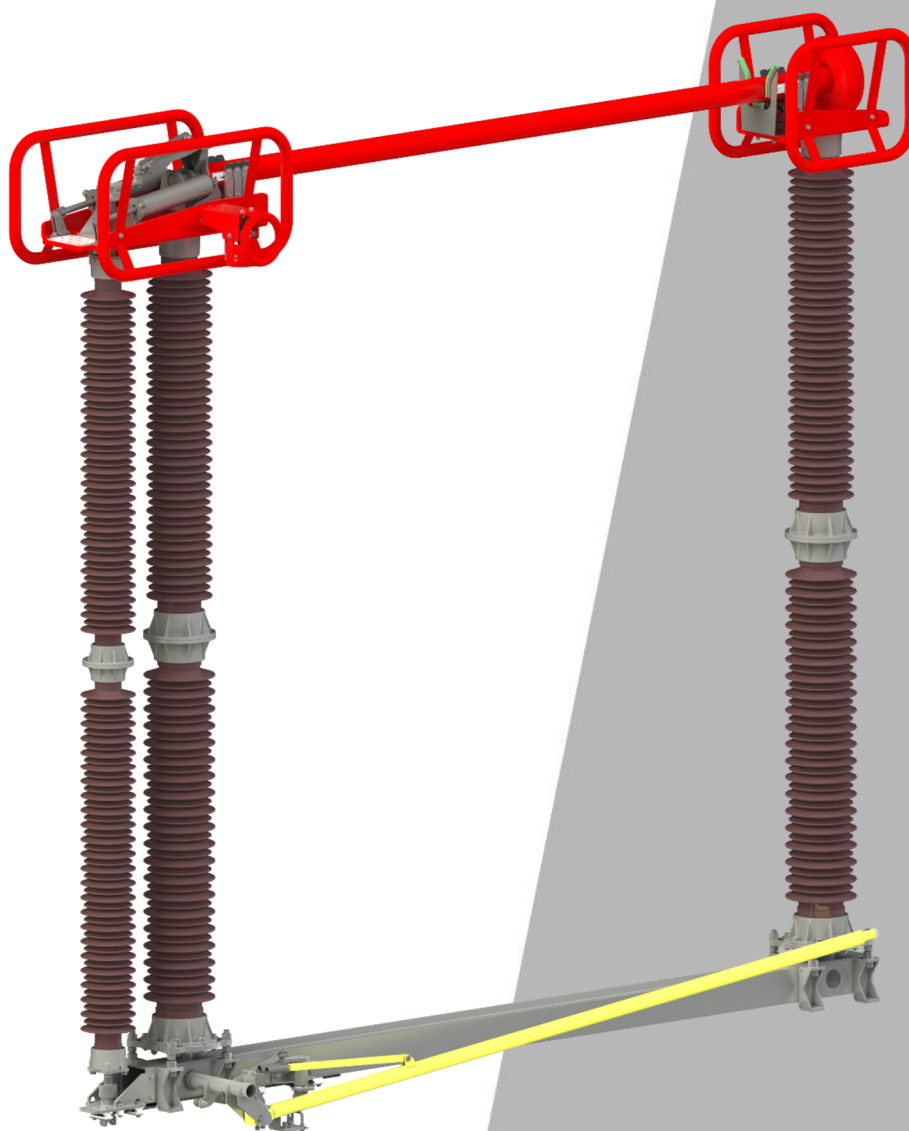
OSR

VERTICAL DISCONNECTOR

PASSION

EXPERIENCE

RELIABLE CONSTRUCTIONS





SPECIFICATION

- Reliable operation;
- Stable working;
- Easy installation, adjustment and coupling with operating mechanism ;
- High short-circuit parameters;
- Manufactured on the basis of Polish design thinking;
- Can be used as a replacement for older disconnectors;

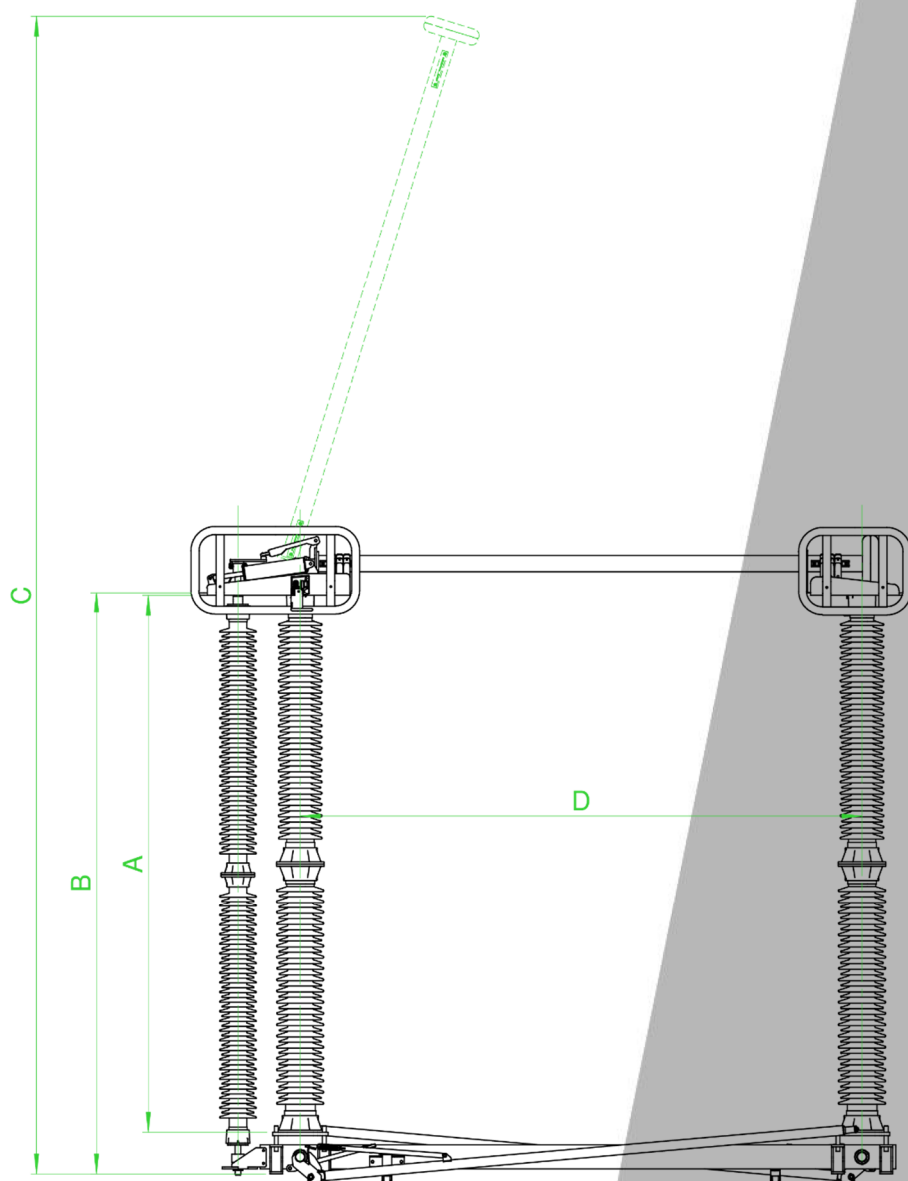
TECHNICAL DATA

Lp.	Parameter	Valeu		
1.	Rated operating voltage	123 [kV]	245 [kV]	420 [kV]
2.	Rated continuous current	2500 [A] 3150 [A] 4000 [A]	2500 [A] 3150 [A] 4000 [A]	2500 [A] 3150 [A] 4000 [A]
3.	Peak current	160 [kA]	160 [kA]	160 [kA]
4.	Short-circuit current (1-sec.)	63 [kA]	63 [kA]	63 [kA]
5.	Test voltage (50 Hz) for insulation: • to earth and between poles • between pole's contact	230 [kV] 265 [kV]	460 [kV] 530 [kV]	520 [kV] 610 [kV]
6.	Insulation's surge test voltage: • to earth and between poles • between pole's contact	550 [kV] 630 [kV]	1050 [kV] 1200 [kV]	1425 [kV] 1425 (+240*) [kV]
7.	Operational's surge test voltage: • to earth and between poles • between pole's contact	- -	- -	1050 [kV] 900 (+345*) [kV]
8.	Radio interference voltage	< 2500 [μV]	< 2500 [μV]	< 2500 [μV]
9.	Mechanical durability	2000 cycles	2000 cycles	2000 cycles
10.	Operating mechanism	NSO-100	NSO-100	NSO-100

* the peak values of the AC voltage applied to the opposite terminal are given in brackets



DIMENSIONAL DRAWING



Type	A	B	C	D
OSR-123	1220	1498	5200	1450
OSR-245	2300	2578	6345	2650
OSR-420	3350	3628	7220	3500



NOTES

CONTACT

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