

ON-3



HIGH VOLTAGE EQUIPMENT

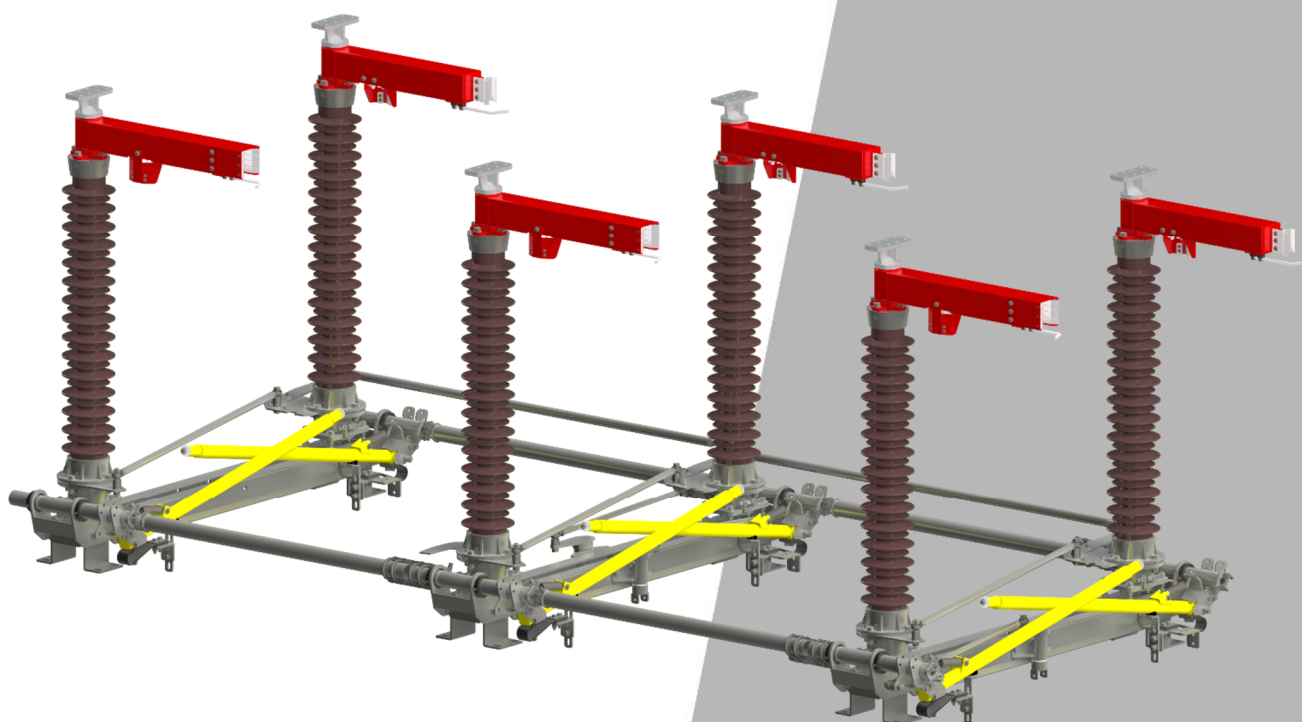
ON-3

HORIZONTAL CENTRE-BREAK DISCONNECTOR

PASSION

EXPERIENCE

RELIABLE CONSTRUCTIONS





SPECIFICATION

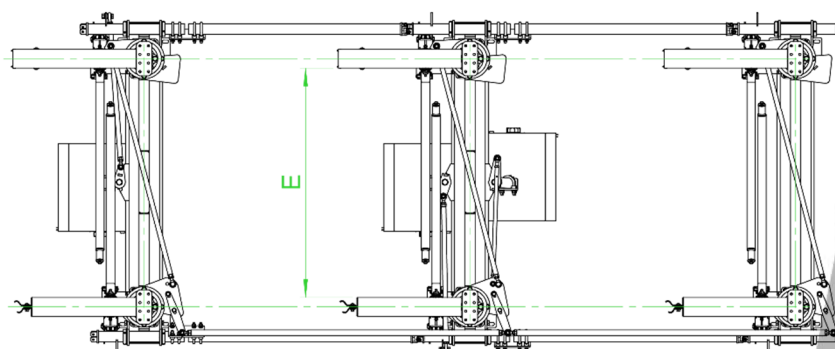
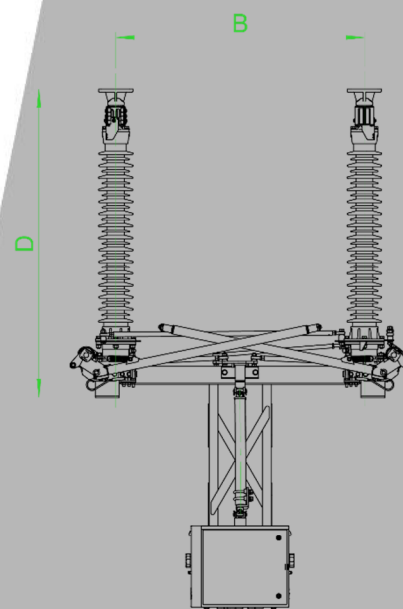
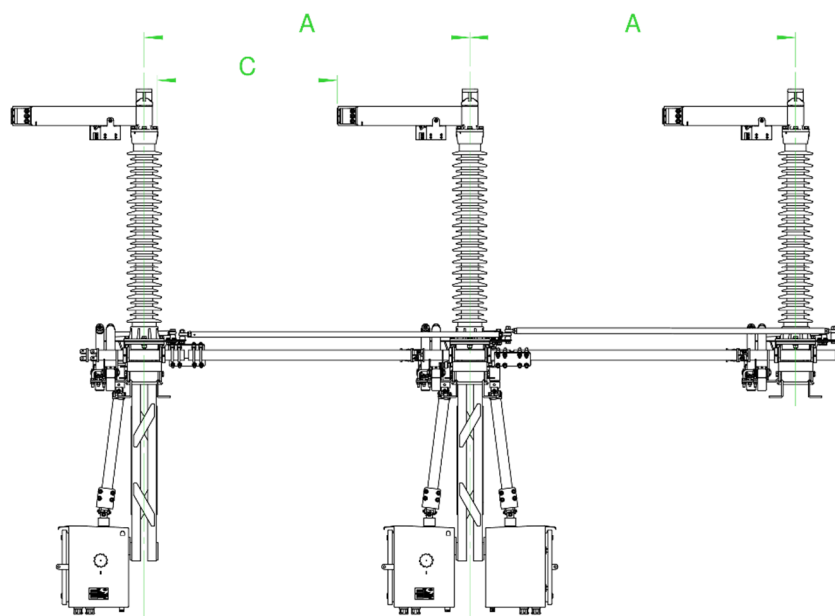
- Poles are delivered completely assembled and adjusted (up to 145 kV);
- Easy installation, adjustment and coupling with operating mechanism;
- Possibility of installation in parallel, serial or tandem arrangement;
- Possibility of equipping with composite insulators;
- The drive crank passes through the dead point in end positions;
- Operating mechanisms could be mounted below any pole, according to the order;
- Horizontal installation version available;
- At customer's request, it is possible to adapt the disconnecter as a replacement for older devices;

TECHNICAL DATA

No.	Parameter	Value			
1.	Rated operating voltage	72,5 [kV]	123 [kV]	145 [kV]	245 [kV]
2.	Rated continuous current	1600 [A] 2500 [A] 3150 [A] 4000 [A]	1600 [A] 2500 [A] 3150 [A] 4000 [A]	1600 [A] 2500 [A] 3150 [A] 4000 [A]	1600 [A] 2500 [A] 3150 [A] 4000 [A]
3.	Peak current	125 [kA]	125 [kA]	125 [kA]	125 [kA]
4.	Short-circuit current (3-sec.)	50 [kA]	50 [kA]	50 [kA]	50 [kA]
5.	Test voltage (50 Hz) for insulation: • to earth and between poles • between pole's contact	140 [kV] 160 [kV]	230 [kV] 265 [kV]	275 [kV] 315 [kV]	460 [kV] 530 [kV]
6.	Insulation's surge test voltage: • to earth and between poles • between pole's contact	325 [kV] 375 [kV]	550 [kV] 630 [kV]	650 [kV] 750 [kV]	1050 [kV] 1200 [kV]
7.	Radio interference voltage	< 1000 [μV]	< 1000 [μV]	< 1000 [μV]	< 100 [μV]
8.	Mechanical durability	10000 cycles	10000 cycles	10000 cycles	10000 cycles
9.	Operating mechanism: • motor • manual	NSO-100 NR-10	NSO-100 NR-10	NSO-100 NR-10	NSO-100 NR-10



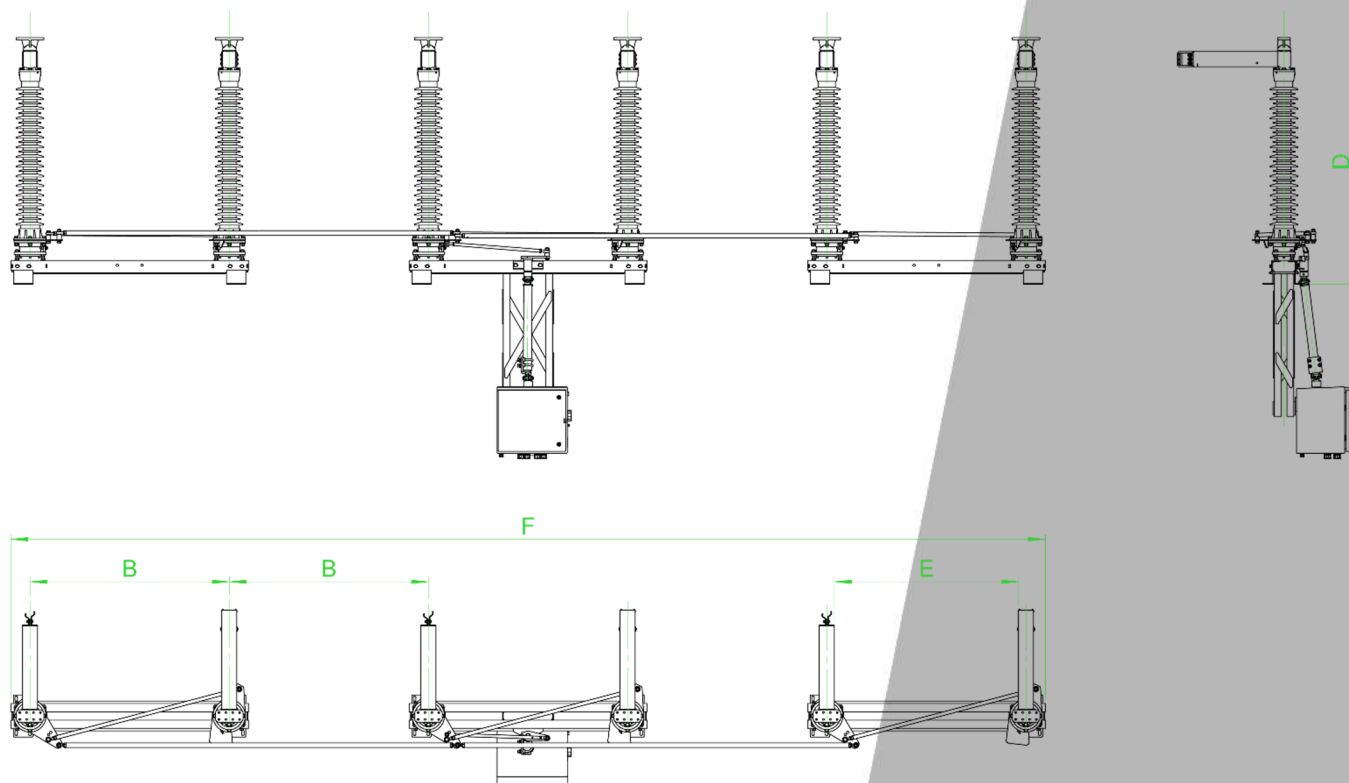
DIMENSIONAL DRAWING – PARALLEL ARRANGEMENT



Type	A	B	C	D	E
ON-3-72	1300	900	660	1357	790
ON-3-123	1900	1450	1050	1795	1340
ON-3-145	2100	1600	1190	2075	1490



DIMENSIONAL DRAWING – SERIAL ARRANGEMENT



Type	B	D	E	F
ON-3-72	900	1357	790	4780
ON-3-123	1450	1795	1340	7530
ON-3-145	1600	2075	1490	8280

CONTACT

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