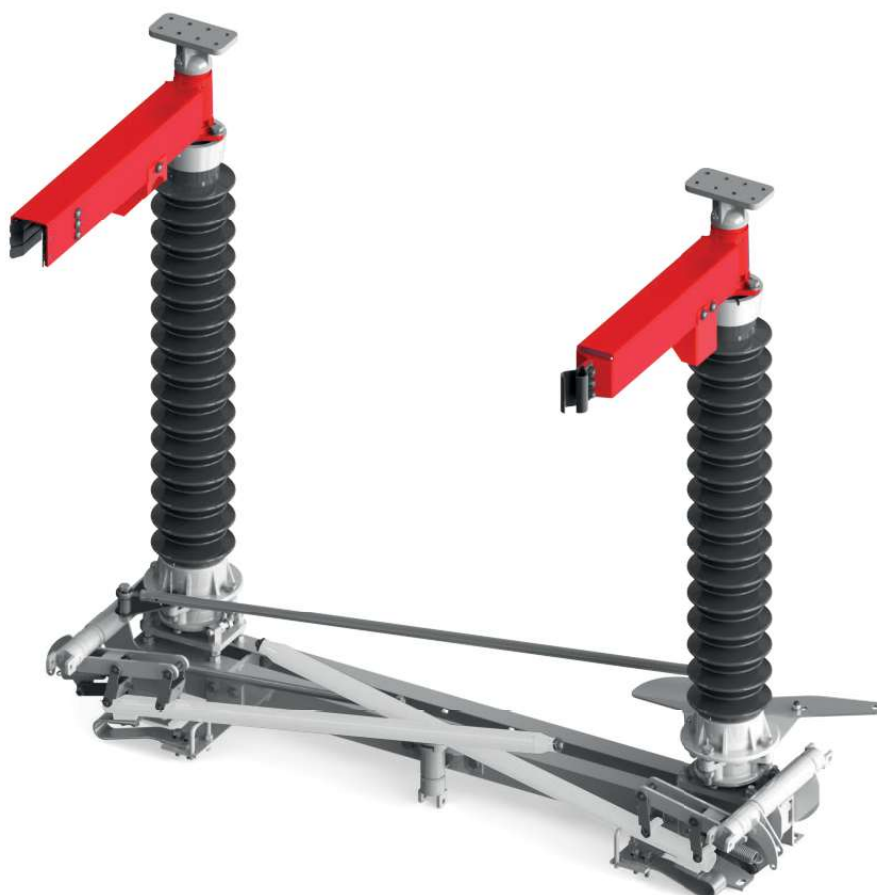


ONIII

Horizontal centre-break disconnecter
72,5, 123, 145, 172, 245 and 363 kV



CHARACTERISTICS

- High peak and short-circuit parameters 125/50kA
- 72,5 kV, 123kV and 145kV versions available with composite insulators inside silicone cover
- High durability against forces, e.x. seismic, short-circuit without negative influence on operating mechanisms thanks to 'dead point' solution (crank mechanism)
- Versions up to 172kV are delivered completely assembled and adjusted
- Indefective working in hard weather conditions
- Possibility of engaging operating mechanisms with any pole
- Available variants in arrangements: parallel, serial, tandem
- Simple assembling and engaging of disconnecter/earthing switch with operating mechanism
- Possibility of assembling apparatus on site according to the client's requirement

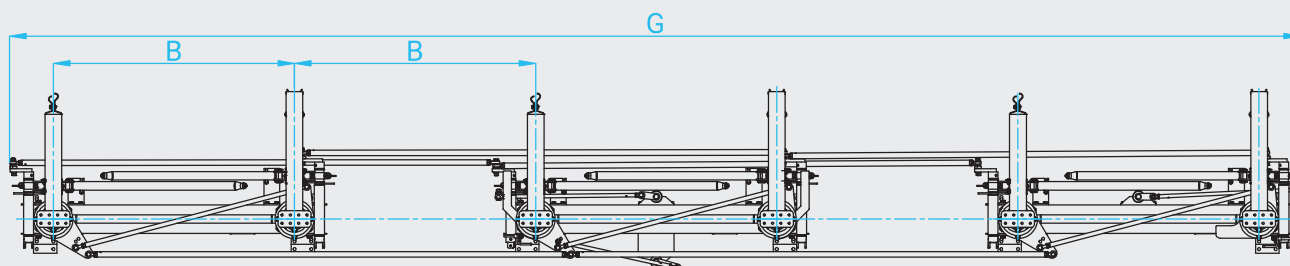
SPECIFICATION

Item	Parameter		Value					
1.	Rated operating value		72,5 [kV]	123 [kV]	145 [kV]	172 [kV]	245 [kV]	363 [kV]
2.	Rated continuous current		1600 [A]	1600 [A]	1600 [A]	1600 [A]	1600 [A]	1600 [A]
			2500 [A]	2500 [A]	2500 [A]	2500 [A]	2500 [A]	2500 [A]
			3150 [A]	3150 [A]	3150 [A]	3150 [A]	3150 [A]	3150 [A]
			4000 [A]	4000 [A]	4000 [A]	4000 [A]	4000 [A]	4000 [A]
3.	Peak current		80 [kA]	80 [kA]				
			100 [kA]	100 [kA]	125 [kA]	125 [kA]	125 [kA]	125 [kA]
			125 [kA]	125 [kA]				
4.	Short-circuit current	1 sec.	40 [kA] 50 [kA]	40 [kA] 50 [kA]	50 [kA]	50 [kA]	50 [kA]	50 [kA]
		3 sec.	31,5 [kA] 50 [kA]	31,5 [kA] 50 [kA]	50 [kA]	50 [kA]	50 [kA]	50 [kA]
5.	Test voltage(50Hz):							
	- earth and pole to pole insulation		140 [kV]	230 [kV]	275 [kV]	275 [kV]	460 [kV]	560 [kV]
	- contact to contact insulation		160 [kV]	265 [kV]	315 [kV]	315 [kV]	530 [kV]	750 [kV]
6.	Surge test voltage:							
	- earth and pole to pole insulation		325 [kV]	550 [kV]	650 [kV]	650 [kV]	1050 [kV]	1175 [kV]
	- contact to contact insulation		375 [kV]	630 [kV]	750 [kV]	750 [kV]	1200 [kV]	1175 (+205)* [kV]
7.	Rated switching impulse withstand voltage of the insulation:							
	- earth		-	-	-	-	-	950 kV
	- contact to contact insulation		-	-	-	-	-	900(+345)* [kV]
8.	Radio interference voltage		-	-	-	-	<2500 [uV]	<2500 [uV]
9.	Mechanical strength		2000 C-O	2000 C-O	2000 C-O	2000 C-O	2000 C-O	2000 C-O
10.	Operating mechanisms:							
	- motor		NSO80	NSO80	NSO80	NSO80	NSO80	NSO80
	- manual		NR-5	NR-5	NR-5	NR-5	NR-5	NR-5

* The values in brackets indicate the peak AC voltage applied to the opposite terminal.

DIMENSIONAL DRAWINGS

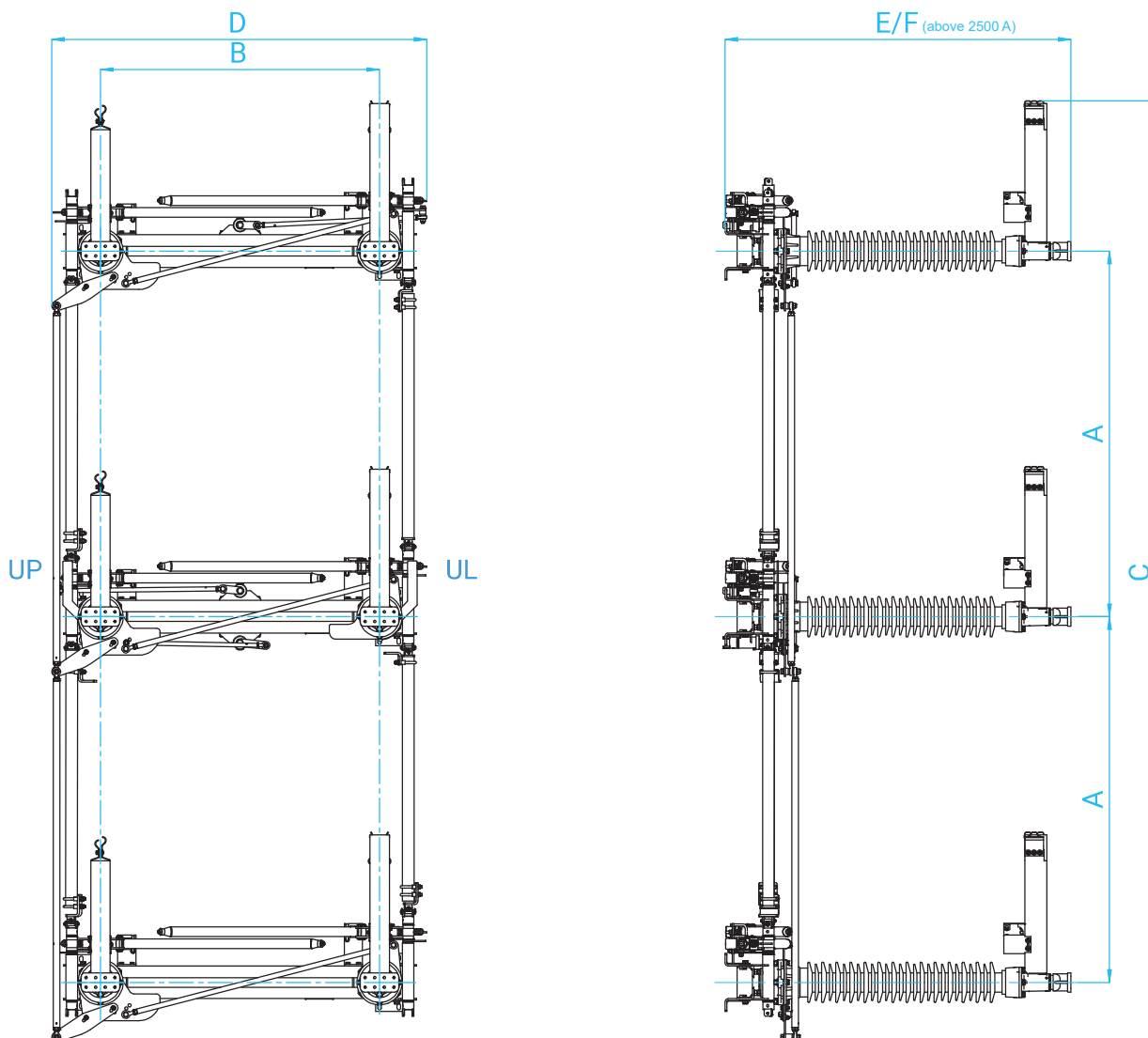
Serial arrangement (U2)



Type	Dimensions [mm]	
	B	G
ONIII-72	900	5010
ONIII-123	1450	7760
ONIII-145	1600	8510
ONIII-172	1600	8510
ONIII-245	2295	12200

DIMENSIONAL DRAWINGS

Parallel arrangement (U2)



Rated operating voltage [kV]	Dimensions [mm]					
	A	B	C	D	E	F
ONIII-72	1300	900	3407	1400	1366	1431
ONIII-123	1900	1450	4890	1950	1797	1862
ONIII-145	2100	1600	5371	2100	2084	2149
ONIII-172	2500	1600	6171	2100	2084	2149
ONIII-245	3500	2295	8620	3000	3019	3083
ONIII-363	5000	3420	12290	4134	3681	3683