

2.4. Basic technical parameters

No.	Parameter	Value					
1.	Rated operating voltage	72,5 [kV]	123 [kV]	145 [kV]	172 [kV]	245 [kV]	363 [kV]
2.	Rated 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]	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]	125 [kA]	125 [kA]
4.	Short-circuit current, 1 sec.	50 [kA]	50 [kA]	50 [kA]	50 [kA]	50 [kA]	50 [kA]
5.	Test voltage (50 Hz) for insulation: - to earth and between phases, - between contacts of one pole.	140 [kV] 160 [kV]	230 [kV] 265 [kV]	275 [kV] 315 [kV]	300 [kV] 315 [kV]	460 [kV] 530 [kV]	560 [kV] 750 [kV]
6.	Surge test voltage for insulation: - to earth and between phases, - between contacts of one pole.	325 [kV] 375 [kV]	550 [kV] 630 [kV]	650 [kV] 750 [kV]	650 [kV] 790 [kV]	1050 [kV] 1200 [kV]	1175 [kV] 1450 [kV]
7.	Radio interference voltage	<1000 [μV]	<1000 [μV]	<1000 [μV]	<1000 [μV]	<100 [μV]	<250 [μV]
8.	Rated mechanical operating life:	2000 cycles	2000 cycles	2000 cycles	2000 cycles	2000 cycles	2000 cycles
9.	Dedicated operating mechanism: - motor, - manual.	NSO80 NR-5	NSO80 NR-5	NSO80 NR-5	NSO80 NR-5	NSO80 NR-5	NSO80
10.	On / off capacity (inductive and capacitive load) - version with arcing contacts, 100 cycles	-	2 [A] (up to 76 [kV])	-		2 [A] (up to 152 [kV])	2 [A] (up to 225 [kV])