

UNIII/G60

Earthing switch
72,5, 123, 145, 172, 245 and 420 kV

CHARACTERISTICS

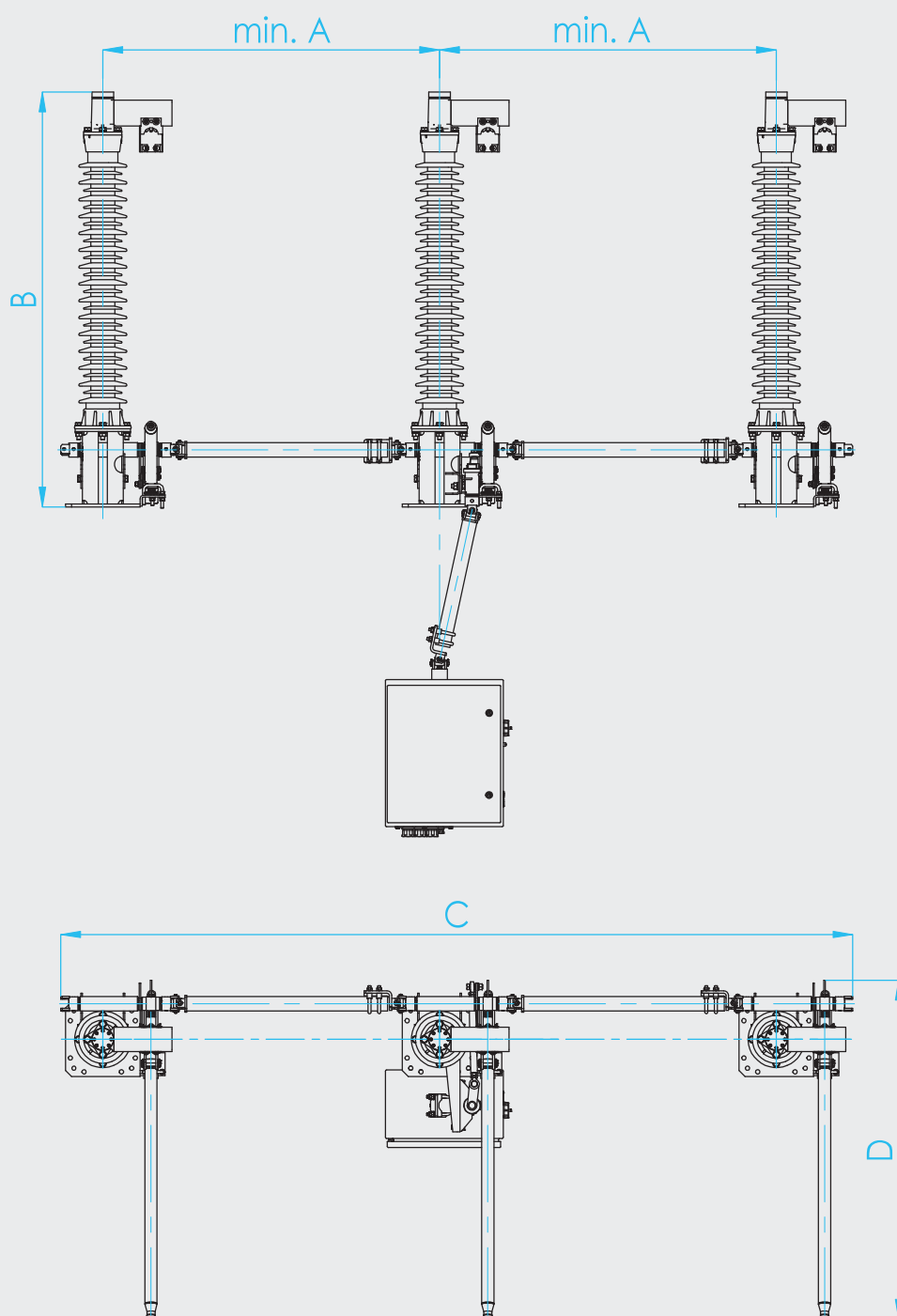
- High peak and short-circuit parameters 125/50kA up to and including 'tulip contact'
- High durability against forces, e.x. seismic, short-circuit without negative influence on operating mechanisms thanks to 'dead point' solution (crank mechanism)
- Simple assembling and engaging of disconnecter/earthing switch with operating mechanism
- Three-pole version for aggregate busbar system available
- One-pole version for transformer zero-point available
- Available variants in arrangements: parallel or serial
- Possibility of assembling apparatus on site according to the client's requirement



SPECIFICATION

Item	Parameter	Value					
		72,5 [kV]	123 [kV]	145 [kV]	172 [kV]	245 [kV]	420 [kV]
1.	Rated operating voltage	72,5 [kV]	123 [kV]	145 [kV]	172 [kV]	245 [kV]	420 [kV]
2.	Peak current	125[kA]	√125[kA]	125 [kA]	125 [kA]	125 [kA]	125/160 [kA]
3.	Short-circuit current, 1 sec.	50 [kA]	50 [kA]	50 [kA]	50 [kA]	50 [kA]	50/63 [kA]
4.	Test voltage (50 Hz) for insulation	140 [kV]	230 [kV]	275 [kV]	275 [kV]	460 [kV]	520 [kV]
5.	Surge test voltage for insulation	325 [kV]	550 [kV]	650 [kV]	650 [kV]	1050 [kV]	1425 [kV]
6.	Operational rated surge test voltage	-	-	-	-	-	1050 [kV]
7.	Radio interference voltage	-	-	-	-	<2500 [uV]	<2500 [uV]
8.	Mechanical strength	2000 cycles	2000 cycles	2000 cycles	2000 cycles	2000 cycles	2000 cycles
9.	Operating mechanisms: - motor - manual	NSO80 NR-5	NSO80 NR-5	NSO80 NR-5	NSO80 NR-5	NSO80 NR-5	NSO80

DRAWING



Type	Dimensions [mm]			
	A	B	C	D
UNIII-72	1100	1275	2692	965
UNIII-123	1370	1725	3232	1400
UNIII-145	1530	2005	3552	1660
UNIII-172	1530	2005	3552	1660
UNIII-245	2500	2860	5494	2535
G60-420	4500	4108	9815	4520