

## SafeLink CB

### SF<sub>6</sub> insulated compact Ring Main Unit for secondary distribution

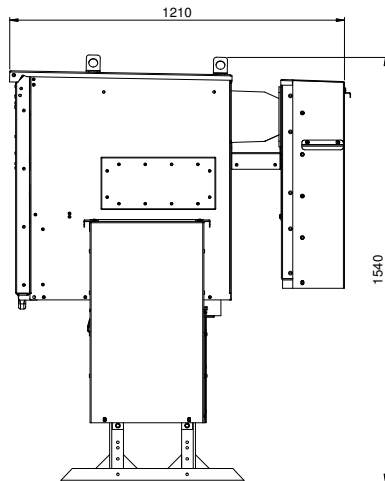
- SF<sub>6</sub> gas insulated switchgear with extremely compact and robust design
- 12 kV, 630 A, 21 kA for 3 sec; metal enclosed design with IP54 degree of protection, suitable for outdoor conditions
- Fully extensible with option of adding standalone vacuum circuit breakers or ring switches
- Internal arc classified and fully type tested according to latest IEC standards
- Robotically welded stainless steel tank
- Vacuum circuit breaker with high mechanical endurance of 5000 operations
- Maintenance-free and complete safety for user and pedestrian with no exposure to live parts
- All in-built mandatory safety interlocks provided to ensure operator safety
- Manufactured according to ISO 9001 14001 and OHSAS 18001
- Complete solutions including applications for remote control and monitoring
- Recyclable and very low environmental impact



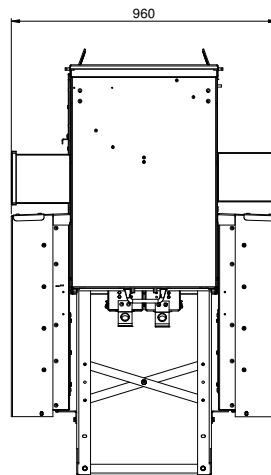
## Technical data

		C Module		V Module	
		Switch disconnector	Earthing Switch	Vacuum circuit breaker	Earthing switch / disconnector
Rated voltage	kV	12	12	12	12
Power frequency withstand voltage	kV	38	38	38	38
- across disconnector	kV	45	45	45	45
Lightning impulse withstand voltage	kV	95	95	95	95
- across disconnector	kV	110	110	110	110
Rated normal current	A	630	630	630	630
Breaking capacities					
- active load breaking current	A	630			
- closed loop breaking current	A	630			
- cable charging breaking current	A	25		25 (Class C2)	
- earth fault breaking current	A	75			
- earth fault cable and line charging	A	43.5			
- short circuit breaking current	kA			21	
Making capacity	kA	52.5	52.5	52.5	see <sup>1)</sup>
Short time current (3-sec)	kA	21	21	21	21
Mechanical Operations	nos	M1	M0	M1+3000	M0
1) Disconnector manually operated, earthing operation is through Vacuum BKR. Hence no making capacity assigned					
Internal Arc Classification (IAC)		IAC-(20 kA for 1 sec)			

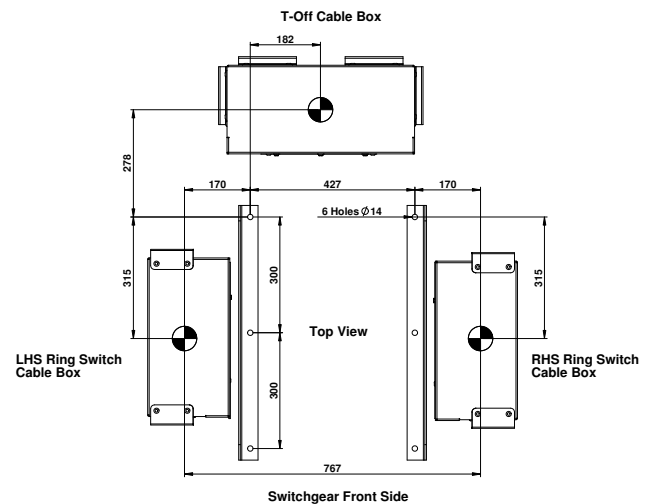
## Dimensions



\* GA for Extensible Version



\* GA for Extensible Version



\* Common footprint for Extensible/Non Extensible Version

For more information please contact:



ABB Limited operates a process of continuous product development. We therefore reserve the right to change designs, dimensions and data without prior notice.



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