

Powerbloc 36/40.5 kV

Air-insulated medium voltage switchgear module



ABB

- High resistance to internal arc faults
- Maintenance-free vacuum circuit-breakers
- Compact panel components from series production
- Individually adapted customer components
- Use of conventional or modern secondary systems

Technical Data

Rated voltage	kV	36	40.5
Rated power frequency withstand voltage	kV	95	95
Rated lightning impulse withstand voltage	kV	185	200
Rated current	A	3150 ^{1) 2)}	3150 ^{1) 2)}
Rated peak short-circuit current	kA	...80	...80
Rated short-time current, 3 s	kA	...31.5	...31.5
Rated short-circuit breaking current	kA	...31.5	...31.5
Rated short-circuit making current	kA	...80	...80
Dimensions:			
Height	mm	2200	2200
Depth	mm	1000	1000
Depth (including terminal blocks)	mm	1466	1466
Width	mm	1200	1200
Pole centres	mm	280	280
Weight	kg	870-950	870-950

¹⁾ 3150 A / 40 °C with forced ventilation
2500 A / 55 °C with forced ventilation

²⁾ 2500 A / 40 °C with natural ventilation
2000 A / 55 °C with natural ventilation



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Note:

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