

DISTRIBUTION SOLUTIONS

38 kV OEM switchgear components

Medium voltage breaker compartment

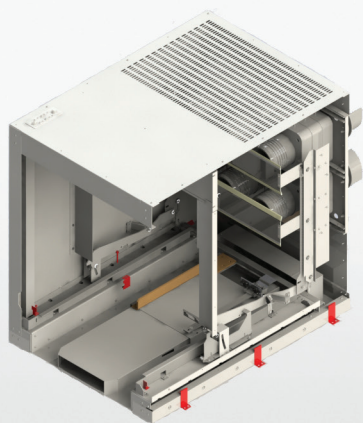


ABB is pleased to offer a new 38 kV OEM circuit breaker kit or compartment for the ADVAC® 38 medium voltage vacuum circuit breaker up to 40.5 kV, 40 kA, 3000 A.



Minimize installation time

- Standard 38 kV, 11-inch phase spacing provides ease of installation



Save floor space

- Space saving compact design
- Two-high stacking compatible



Reduce shipping time and costs

- 45% lighter weight than competitor products, helping save on shipping time and costs
- Compartment is shipped with the circuit breaker installed



Protect assets

Type tested according to:

- C37.55-2020
- C37.20.2-2015 Annex C for partial discharge testing
- UL94 V0 flammability primary bushings



Optimize investment

- Optimized design with compact, single-sized compartment for all 38 kV ratings
- Up to six standard accuracy bushing mounted current transformers per phase



Reduce maintenance costs

- Low to no maintenance compartment
- Improved ABB shutter mechanism design
- Rotary wiping TOC contacts

Technical data		
Rated voltage class	kV	38
Tested voltage, Ur	kV	40.5
Continuous current	A	1200, 2000, 3000
System-source short circuit breaking current, I _{sc}	kA	16, 25, 31.5, 40
Lightning impulse withstand voltage, U _p drawout	kV	150
Power frequency withstand voltage, U _d	kV	80

Dimensions and weight

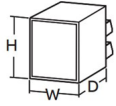
(Excluding primary bushings)		Height	1396.5 mm	54.98 in
		Width	1065 mm	41.93 in
		Depth	1477 mm	58.15 in
		Phase distance	280 mm	11 in
		Weight	564 kg	1244 lbs

ABB Inc.
 305 Gregson Dr.
 Cary, NC 27511
 Phone: +1 800 929 7947, ext. 5
 E-mail: customer.service.group@us.abb.com

abb.com/mediumvoltage

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