



# SecoBloc IEC OEM Modules

3.3kV - 17.5kV, Type BC and BV

## Fact Sheet

### Overview

The newest member of GE's MV Seco product family, SecoBloc has been specifically developed for use in OEM designed and manufactured switchgear. At the heart of the SecoBloc are GE's proven vacuum interrupting SecoVac breakers, rated at 3.3kV - 17.5kV, 630A - 3150A, 50Hz/60Hz. Fully tested to IEC standards, SecoBloc is suited to provide OEMs with a simple, cost effective solution that is easy to order and assemble.

### Standard Features — SecoBloc Type BC and BV

- Air insulated OEM blocs with a compact design help to improve safety and reliability
- Standard earthing switch for personnel safety in BC and BV modules
- IAC AFLR certified for fully arc-proof unit from 31.5kA for 1 second, up to 40kA for 1 second
- Equipped with automatic grounded metal shutters for Bus and Load connections
- Suitable for indoor OEM designs

### Standard Features — SecoVac VB2+

- Epoxy resin embedded pole vacuum circuit breaker
- Complete interlocking system to help prevent incorrect operation
- Open and Close modules are universal to all SecoVac ratings allowing for reduced maintenance time and low replacement cost
- Primary disconnect finger set built of silver-plated copper and tested for continuous and short time current



# Technical Data

Module Type	SecoBloc BC	SecoBloc BV
Rated Voltage (kV)	7.2 / 12 / 15 / 17.5	7.2 / 12 / 15 / 17.5

## Rated Insulation Level

Power Frequency Withstand Voltage (kV)	20 / 28 / 36 / 38			20 / 28 / 36 / 38		
Lightning Impulse Withstand Voltage (kV)	60 / 75 / 95 / 95			60 / 75 / 95 / 95		
Rated Current (A at 40°)	630	✓		✓		
	1250	✓		✓		
	1600		✓		✓	
	2000		✓		✓	
	2500			✓		✓
	3150			✓		✓
Breaking Capacity (kA)	25	✓		✓		
	31.5	✓	✓	✓	✓	✓
	40		✓	✓	✓	✓
Short time Withstand Current (kA/3s)	25	✓		✓		
	31.5	✓	✓	✓	✓	✓
	40		✓	✓	✓	✓

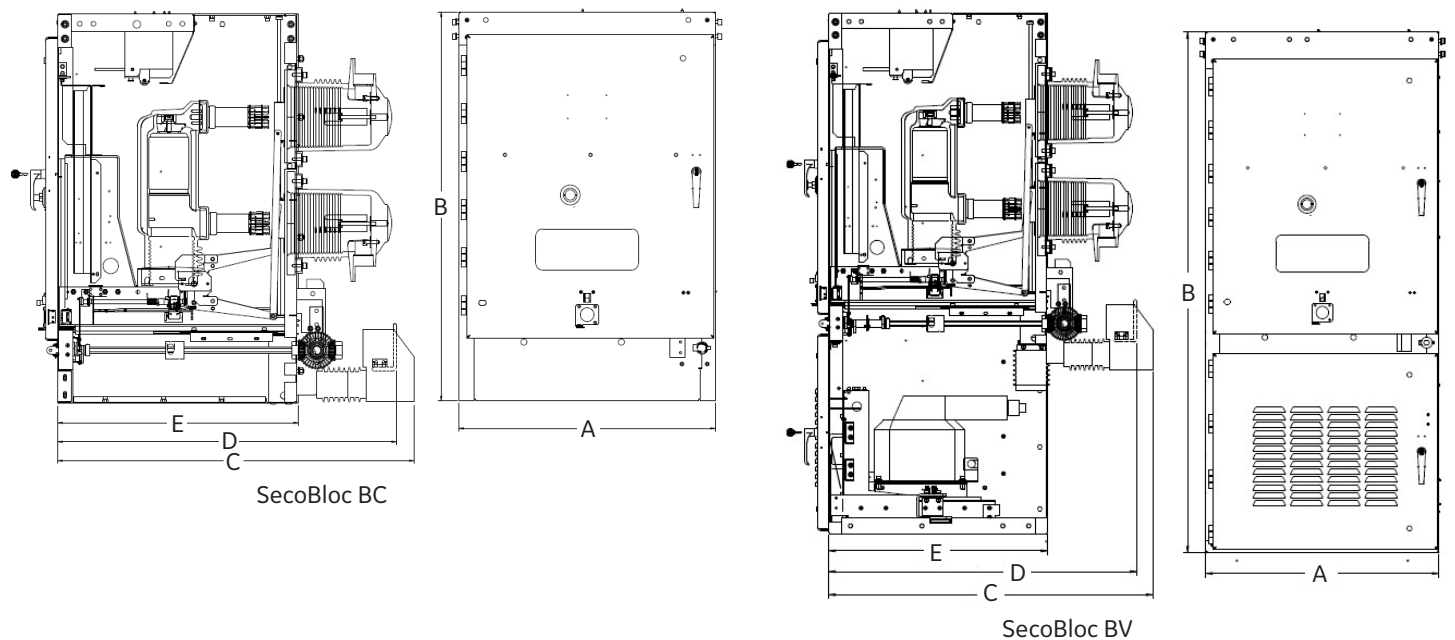
## Dimensions (mm)

Width (A)	600	750	1000	600	750	1000
Height (B)	1135	1135	1135	1680	1680	1680
Total Depth (C)	1055	1043	1043	1055	1043	1043
Earthing Switch Lug Depth (D)	1003	991	991	1003	991	991
Module Depth (E)	716	704	704	716	704	704
Distance Between Phases	150	210	275	150	210	275

## Weight (kg)

Estimated Weight	200	300	400	250	350	450
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## Side/Front View



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