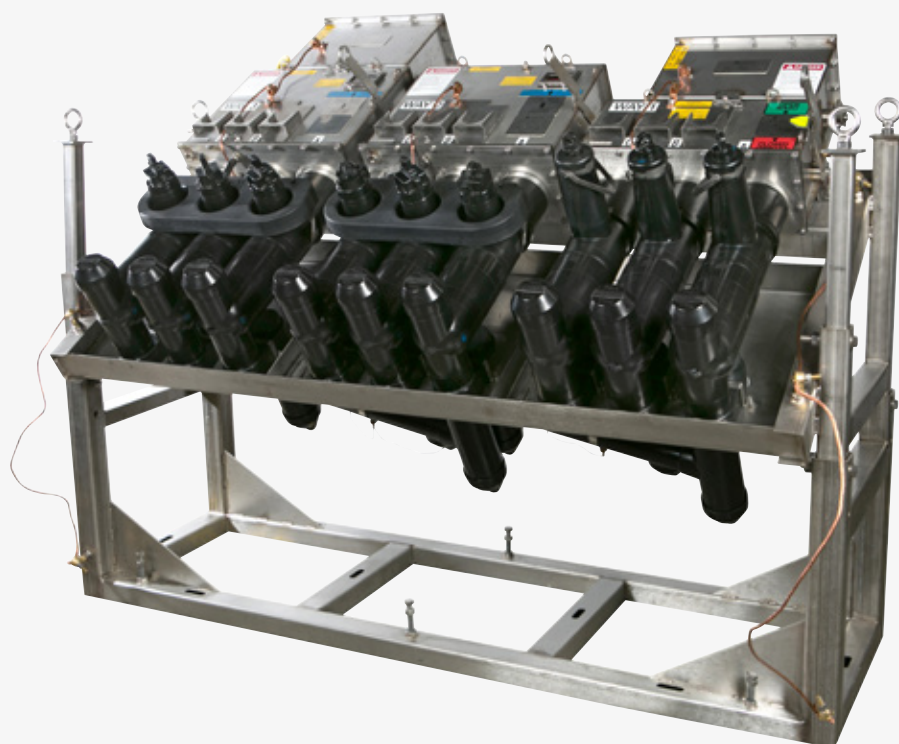


PRODUCT BROCHURE

Small-vault switchgear

 elastimold™



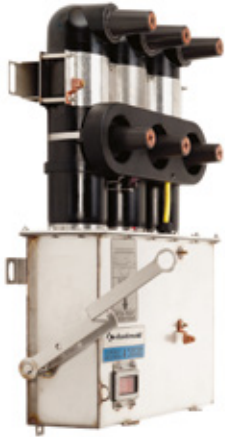
Elastimold™ Small-vault switchgear

Improves safety with manual operation
from outside the vault

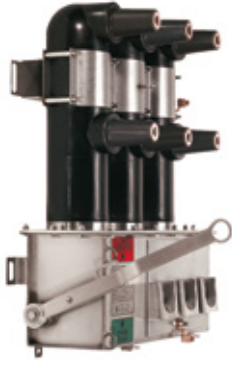
ABB has extended its line of underground distribution switchgear with Elastimold small-vault switchgear, which improves safety by allowing the user to access the switchgear from outside the vault with an insulated fiberglass pole (hot stick).

In addition to safety, low maintenance and reliability, Elastimold small-vault switchgear fits into new and legacy small vaults, which minimizes retrofitting costs for investor-owned utilities (IOUs), public power utilities and other power distribution operations.





01



02



03



04



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- 01 Molded vacuum interrupters - MVI
- 02 Molded vacuum switches - MVS
- 03 SEL-751A Feeder protection
- 04 SEL-451 Auto-transfer controls (standard and fast transfer options)
- 05 SEL-451 Automation

Safe

Allows for manual operation from street level.

- Improved operator safety, visibility and accessibility
- Switchgear designs allows for hot stick operation from street level
- 45° tilt angle improves operator safety through full operability and visibility from street level

Compact

33% reduction in height and 14% reduction in width from standard switchgear.

- 6" adjustable vertical frame allows for customization to each vault
- Reduced height and width allows users to install in compact vaults

Reliable

Maintenance-free* vacuum and EPDM molded insulation.

- Proven solid dielectric construction
- Technology with over 50 years of field-proven performance
- Fewer outages and significantly shorter outage duration
- All switchgear components are sealed and fully submersible

Smart grid ready

Works with the industry-leading protection and automation controls.

- SEL automation controls from Schweitzer Engineering Laboratories**

* Elastimold™ switchgear is considered maintenance-free because it contains no oil or gas to monitor or maintain.
 ** SEL is a trademark of Schweitzer Engineering Laboratories Inc.



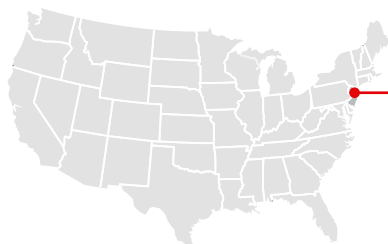
Gear	Dimensions	Ways					Notes
		2	3	4	5	6	
Small vault	Height (in.)	51.62	51.62	51.62	51.62	51.62	Height depends on gear selected and application. Up to 33% reduction Max. height 60.375".
	Width (in.)	50.50	69.35	90.00	110.00	128.75	Up to 14% reduction.
	Depth (in.)	27.50	27.50	27.50	27.50	27.50	Depth depends on gear selected. Max. depth 41.75".
Standard modular	Height (in.)	76.45	76.45	76.45	76.45	76.45	—
	Width (in.)	48.79	73.83	98.89	122.91	148.98	—
	Depth (in.)	20.00	20.00	20.00	20.00	20.00	—



US

ABB Installation Products Inc.
Electrification Business

electrification.us.abb.com



Elastimold™ small-vault switchgear is designed, assembled, tested and shipped from Hackettstown, New Jersey.

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