

Elastimold™ medium voltage solid dielectric switchgear — a smart choice for building automation



One of the primary goals of any building automation project is to boost power efficiency — from the main building feeder down to the light bulbs in the breakrooms. Elastimold™ medium voltage solid dielectric switchgear offers numerous advantages as a main feeder to organizations looking to automate their buildings and to contractors performing installations for automation projects.

Safe and environmentally friendly with no oil or SF6 gas.

Elastimold switchgear consists of molded vacuum switches and interrupters, fully enclosed in field-proven ethylene propylene diene monomer (EPDM) rubber. Because it uses no oil or greenhouse gases like SF6, it's more environmentally friendly. Additionally, Elastimold switchgear is considered virtually maintenance-free since it contains no oil or gas to be monitored, maintained and documented for governmental agencies. On top of being safer for the environment, Elastimold switchgear is safer for people, too, due to its dead-front construction with no exposed energized components.

Saves space and eases installation.

Building space costs money. Elastimold switchgear is modular and can mount in a small electrical room or closet. With its compact footprint, the vault-style switchgear can be transported right in the elevator

and installed in any orientation on the wall of the electrical room. For buildings of more than 50 stories, where it's inefficient to run low voltage cable from bottom to top, medium voltage cable can be run halfway up to a second Elastimold switchgear unit in a small electrical closet to feed the upper levels. If pad-mount switchgear is what the job calls for, Elastimold pad-mount switchgear can be configured for easy retrofit to an existing pad with the same bushing height as the former switchgear to connect to existing cables quickly and easily.

Learn more about Elastimold medium voltage solid dielectric switchgear at <https://electrification.us.abb.com/products/medium-voltage/elastimold-solid-dielectric-switchgear>.