Submersible Switch Applications

G&W Electric Submersible Vault Switches are totally submersible to IP68 standards and offer the following additional features:

Construction:	Compact, dead-front construction
Cable Entrance:	Cable entrance flexibility, either top, bottom, side or front
Standards:	Designed to international industry standards
Interrupting Capability:	Load and fault interrupting capability
Configurations:	Multi-way configurations
Operating Options:	Options for operation outside the vault
Insulation:	SF6 or solid deielctric insulation
Ratings:	Ratings through 38kV, 25kA symmetric
Designs:	Fully automated designs

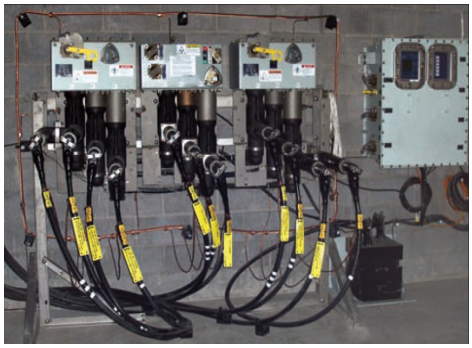
Submersable switch installed in a small, underground vault, subject to flooding.

In underground distribution systems, electrical cable is either direct buried or fed through conduit and connected to electrical apparatus installed in either padmount enclosures or buildings above ground or in concrete vaults below ground.

Underground vaults can be small or large, and either dry or subject to submersion. Underground systems offer many benefits compared to overhead systems including:

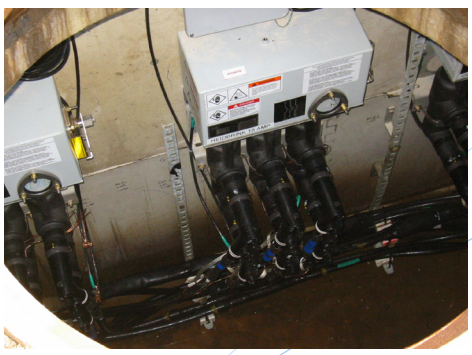
- A much cleaner installation site
- No more unsightly poles
- No more damage due to ice, wind or wildfire
- No more sagging lines which can sway in the wind, causing an overcurrent condition

Underground cables can be direct buried or installed in conduit to switch locations.



Three-way, solid dielectric, automatic transfer switch with submersible control cabinet and potential transformers.

Top operable switch after submersion in water.



Solid dielectric switch installed in vault.

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