



Increase performance in high-contaminant environments with the benefits of the 200 kV BIL-rated D-73P single-phase disconnect switch

Eaton's Cooper Power™ series UltraSIL™ D-73P single-phase disconnect switch line now includes a 200 kV BIL rating to offer superior performance in high contaminant environments.

Reliability

- Increased leakage distance and insulating performance in highly contaminated environments
- UltraSIL polymer insulators are hydrophobic and have superior resistance to UV degradation
- Lower contacts are independent from the hinge, creating a consistent current transfer path - reducing hot-spots

Improved field operation

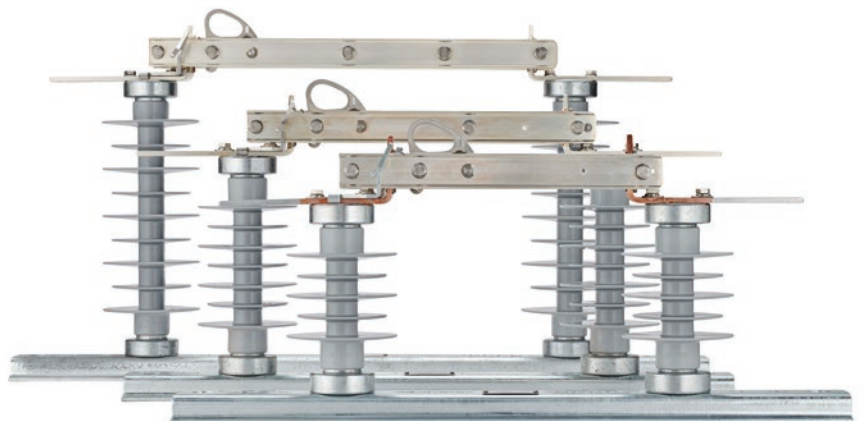
- Rugged, seven-gauge galvanized steel base keeps switch stable and prevents distortion during installation
- Upper contacts have a reliable latching mechanism and loadbreak hooks are standard
- High-strength blade: better able to endure short-circuit current withstand and rough operation

Ease of installation

- Blade equipped with blade spacers to ensure secure force on contacts and aid in positive alignment when closing the switch
- Polymer insulators: reduce switch weight by 40% over porcelain equivalents, making it easier to install

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D-73P DISCONNECT SWITCH

Quality construction to ensure stable high-current capability and full thermal capacity

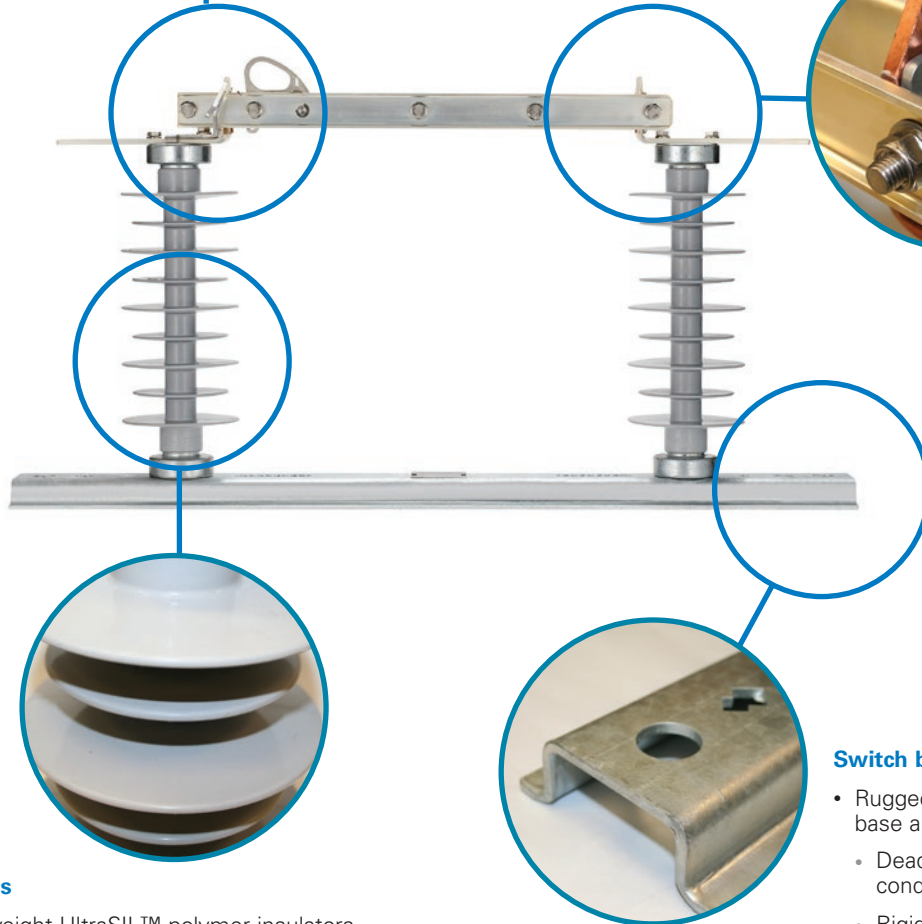
Upper contacts

- Reliable latching mechanism
- Blade spacers will not weaken over time
- Cooler running design
- Consistent reliable alignment
- Loadbreak hooks standard



Lower contacts

- Independent from hinge
- Current interchange direct from stationary contact to blade
- Consistent current transfer path reduces hot-spots



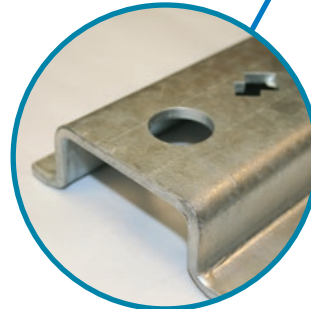
Insulators

- Light weight UltraSIL™ polymer insulators
 - Reduces effort needed for mounting
 - Stiff and rugged insulators provide stable alignment
 - Superior polymer silicone rubber material in terms of nonwetting, resistant to UV degradation and surface tracking



Switch base

- Rugged seven-gauge steel base and backstrap
- Dead-ending hole for conductor at each end
- Rigidity of base prevents distortion/twisting



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