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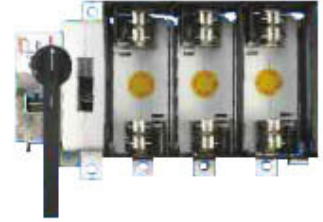
# Switch Disconnector Fuse

## Switch Disconnector Fuse – 32A to 800A

### Range

Switch Disconnector Fuse , conforms to IEC 60947 Pt. 3 and IS 13947 Pt. 3, are available from 32A to 800A, all AC23A rated, 3 pole as well as 4 pole, in all possible combinations - Isolable Neutral, Switched Neutral or Fused Neutral.

In case of 4 pole switches, 4th pole is always identical to main poles thus incorporating same contacts & rating and operated by same shaft & mechanism. In case of Fused Neutral switch, any pole can be interchangeably used as Neutral.

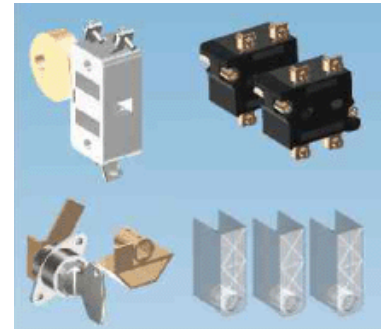


### Switch Disconnector Fuse Changeovers are also available in 2 options:

Side by Side mounted with 2 sets of Fuses, or  
Compact Switch Disconnector Fuse Changeover with 1 set of Fuse requiring very small panel space

### Modular Construction

Design of SDF incorporates unit pole construction hence the Switch construction is Modular. Hence all possible combination of poles - 2 pole or 3 pole or 4 pole is possible. This eliminates add-on arrangements and ensures the same reliability for all poles and use of the just right and optimally required number of poles as per the application requirement. It also enables easy replacement of only the effected pole in case of flashover. While all rating have 4 breaks per phase, higher rating switches have Knife type self cleaning contacts This arrangement has automatic increase of Contact Pressure with increase of Current, have separate Arcing & Current carrying surfaces, and Arc chutes for effective arc quenching.



### Easy Installation

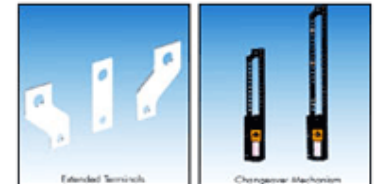
Switches saves lot of time and efforts in installation due to simple 4 hole mounting, permitting last minute rotation of switches inside the panel / enclosure without any additional drilling. Telescopic shaft arrangement saves time in switch alignment with door and saves cost by eliminating mounting brackets in the enclosure.

Full range is available in both the versions - as Interiors for mounting in Panels or in SS Enclosure for Wall / independent mounting.

Upto 160A SDF are also available with side operated mechanism.

### Accessories

A host of Accessories are offered along with them as per the customer choice to suit the installation requirement and enhance the Safety - Auxiliary Contacts, Key Lock, Castle Lock, Terminal Shrouds, Handle Mounting kit, Changeover Mechanism, etc.





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## Safety Built-In

In Switch Disconnector Fuse, the fuses are isolated from both sides in OFF position and it is safe to replace them without the aid of any safety precaution. In case the contacts get welded, the handle do not move more than 45° from the ON position, clearly indicating the welding of contacts.

Full range comes with inter - phase barrier as standard and the Insulating material used is superior grade Glass Filled Polymer. The Handler comes with Door Inter-Lock mechanism and can accept upto 3 padlock in OFF position.

## National & International Certification

These SDF have been tested at various laboratories for their conformity to various standards - ASTA, CPRI, ERDA, etc and meets the Safety requirements as per European standards to carry CE marking.

## Applications

These SDF are fit for use in diverse applications like:

Main Service Entrance Switch from Transformers & Busbars,

- AC Power Distribution System,
- Switching & Isolating Motors,
- Switching & Isolating Capacitors,
- Switching & Isolating Industrial Control Equipment,