



Switch Disconnector

www.saraswateng.com

Introduction – Switch Disconnector

Range

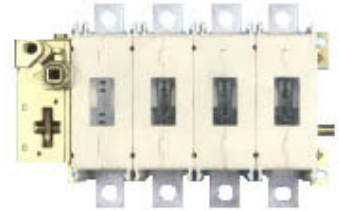
Switch Disconnectors, conforms to IEC 60947 Pt. 3 and IS 13947 Pt. 3, are available from 32A to 3150A, AC23 rated, 3 pole as well as 4 pole.

The 4th pole is always identical to main poles thus incorporating same contacts & rating and operated by same shaft & mechanism. Hence any pole can be inter-changeably used as Neutral.

Switches can also be offered in other combination - 1 pole, 2 pole, 6 pole or 8 pole, etc.

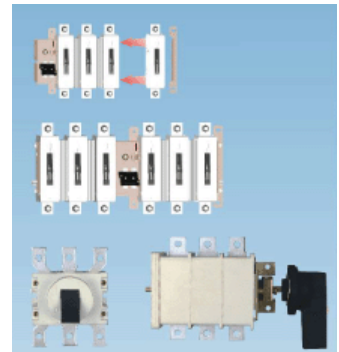
Switch Disconnector Changeovers are also available in 2 options –

- Side by Side mounted, or
- Compact Switch Disconnector Changeover requiring very small panel space`



Modular Construction

Design of SD 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.



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

For Machine Tool & similar applications following additional options are offered -

- 25 - 160A SD with side operated mechanism,
- 25 - 125A SD with side operated mechanism,
- 25/40/63 SD in attractive Plastic Enclosures,
- 25/40/63 SD with option of Toggle type operating mechanism,

6, Vanrai Complex, W E Highway, Goregaon (E), Mumbai – 400065. E-mail: response@saraswateng.com



Switch Disconnect

www.saraswateng.com

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.

Safety Built-In

In case the contacts get welded, the handle does 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 Handle 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 SD are fit for use in diverse applications like –

Main Service Entrance Switch from Transformers & Busbars,

- AC or DC Power Distribution System,
- Switching & Isolating Motors,
- Switching & Isolating Capacitors,
- Switching & Isolating Industrial Control Equipment,
- AC or DC Safety Switch