

Switch Disconnecter Fuse Unit

CRYSTAL SWITCHES are uniquely inbuilt, shrouded, compact with generous terminal capacity and a fused short circuit capacity upto 80 kA.

CRYSTAL SWITCHES are feature rich with aesthetic looks, elegance, sturdy & economical. Features that no other SDF offers because of these unique characteristics the CRYSTAL SWITCHES are in the front line of protection.



RANGE & FRAME SIZE

Current range **32 A to 630 A** in five frame sizes in TPN (DIN Type & Bolt Type HRC fuses). All frames are available in Open Execution & Thick Sheet Steel Enclosure

Size 1	32 A , 63 A
Size 2	100 A , 125 A , 160 A
Size 3	200 A , 250 A
Size 4	320 A , 400 A
Size 5	630 A

SALIENT FEATURES

- Available in isolable neutral & switched neutral design.
- The unique contact system and quick switching mechanism prevents contacts from opening at extreme fault currents.
- Clear on/off indicator.
- Separate arcing/current carrying zone.
- Fuse links remains isolated from both incoming and outgoing circuits, when the switch is in OFF position. Available with Knife fuse contacts and also bolted on request.
- Available in open execution and with enclosure.
- Can be mounted in vertical or horizontal position.
- Padlock, door interlock and defeat interlock provided.

SPECIFICATIONS

Built to high performance specifications with high quality materials and meticulous quality process with assured best operation on the following parameters

Rated Operational Voltage (V)	415
Rated Insulation Voltage (Ui)	660 V
Rated Frequency	50/60 Hz
Utilization Category	23 A
Rated impulse withstand Voltage(Uimp)	8 kV

CONFORMS TO STANDARDS

IEC 60947-3

APPLICATIONS

Power Distribution
Manufacturing Process
Industrial Building
Residential Building
Commercial Building
Healthcare
Internet Data Centers
HVAC
Tele Communications