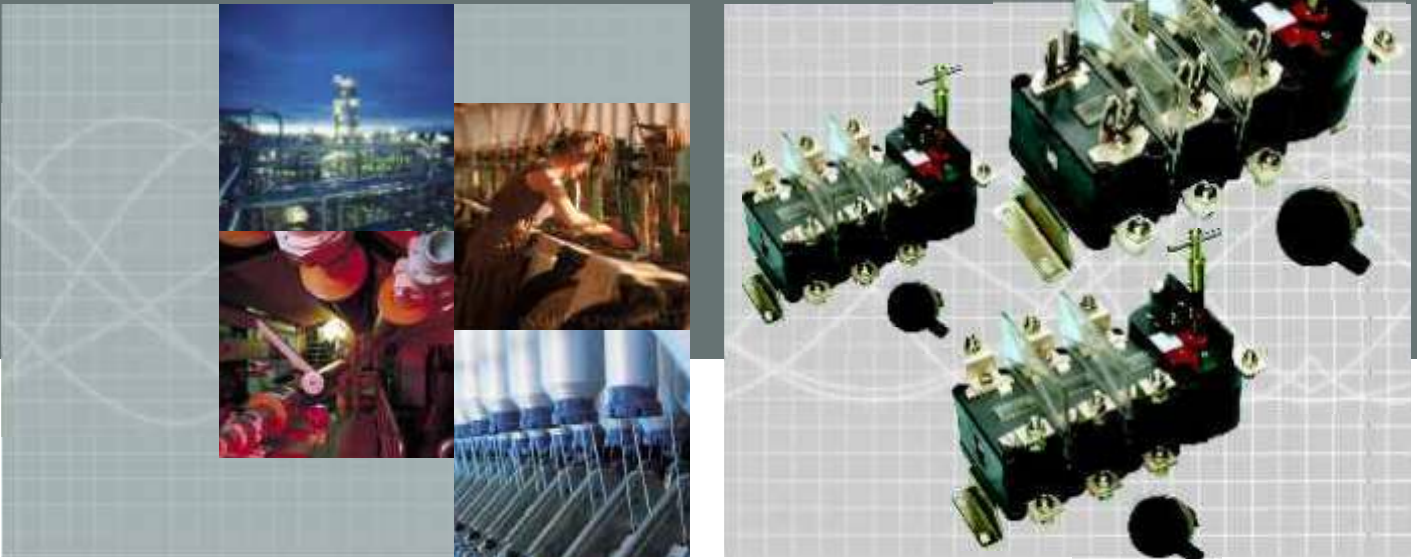


Switch on to Perfection....



**SWITCH DISCONNECTOR FUSE**



**BCH  
ELECTRIC  
LIMITED**



BCH

# Switch Disconnecter Fuse

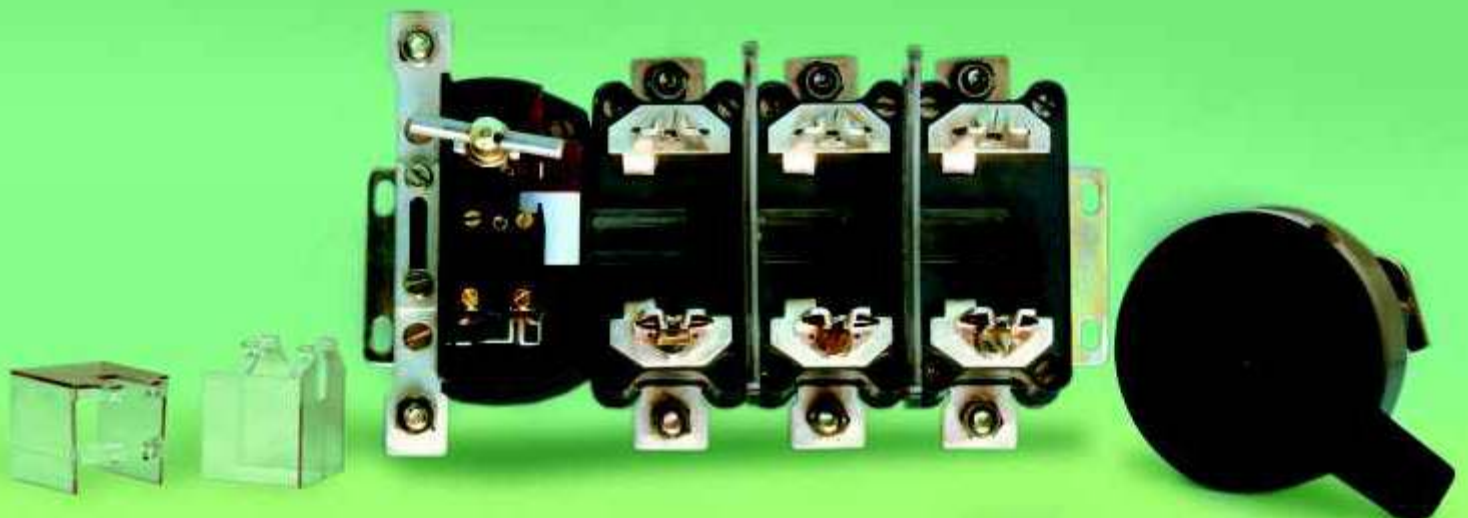
BCH Switch Disconnecter Fuse are designed for Industrial applications, Conforming to IEC-60947-3/IS-13947-3. They are available in 3-Pole or 3P+N version with DIN or Conforming BS Fuse arrangements.

## Constructional Features

BCH SDFs have long Electrical and Mechanical Life due to their Robust construction, Quad Break Contact system with Quick make Quick Break Mechanism. Compression contact springs has been used to achieve the consistent and reliable performance. The springs have been isolated from the contacts by insulators to enhance their performance. The design has been driven by Indian environmental requirements of aluminum terminations, high clearance & creepage distances, high ground clearance and low running temperature. A High arc and temperature resistant thermoset material has been used for the tropical conditions.

## Safety & User Friendliness

- AC 23A Rating.
- Front operated mechanism.
- Line load interchangeability.
- Quad break contact for high performance.
- Quick Make Quick Break mechanism.
- Compression contact springs for consistent performance.
- High Ground Clearance.
- High Clearance & Creepage distance.
- Facility to padlock the contact carrier.
- Suitable for aluminum terminals without any extra fittings.
- Larger clearance between Phase barrier and Fuse.
- Suitable for Horizontal and Vertical Mounting.
- ON-OFF Indication front visible.
- Terminal shrouds.
- Door interlocking with defeat facility.



TP/TPN



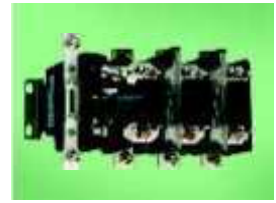
PSFS100

TP/TPN



PSFS125

TP/TPN

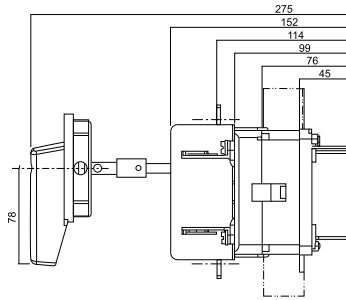
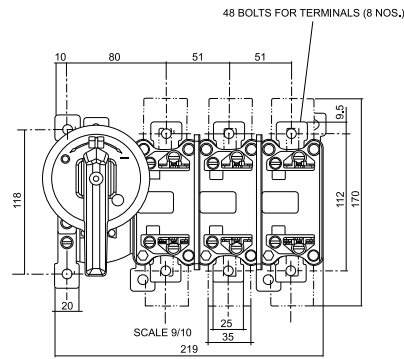
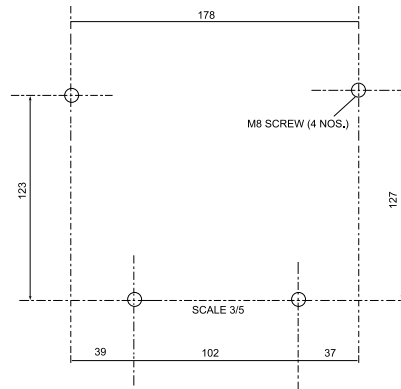
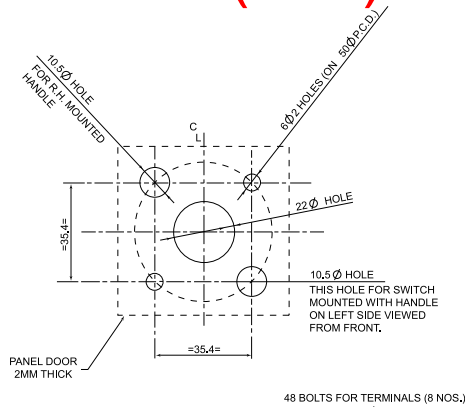


PSFS160

Rating	100A	125A	160A
Utilization Category	AC23A	AC23A	AC23A
Conforms to	IS-13947-3	IS-13947-3	IS-13947-3
No. of Poles	TP/TPN	TP/TPN	TP/TPN
Neutral in case of TPN	Isolable	Isolable	Isolable
Rated Voltage U <sub>e</sub>	415V AC	415V AC	415V AC
Operating Temp.	-20° to +50°C	-20° to +50°C	-20° to +50°C
Impulse Withstand U <sub>imp</sub>	8 KV	8 KV	8 KV
Insulation Voltage U <sub>e</sub>	1000 V	1000 V	1000 V
Rated Enclosed Thermal Current I <sub>th</sub>	100A	125A	160A
Rated Making Capacity	1000A	1250A	1600A
Rated Breaking Capacity	800A	1000A	1280A
Rated Fused Short-Circuit Making Capacity	80 KA	80 KA	80 KA
Rated Fused Short-Circuit Withstand Capacity	80 KA	80 KA	80 KA
Fuses	DIN 00 & B1, B2	DIN 00 & B1, B2	DIN 00 & B1, B2
Terminal Capacity Main	95 mm <sup>2</sup>	95 mm <sup>2</sup>	95 mm <sup>2</sup>
Terminal Capacity Neutral	50 mm <sup>2</sup>	50 mm <sup>2</sup>	50 mm <sup>2</sup>

\* Suffix D for DIN Type and B for BS type Fuses.

# Dimensions (mm)



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