

# Switch Disconnecter Fuse

Bhartia Cutler Hammer's 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 BS Fuse arrangements.



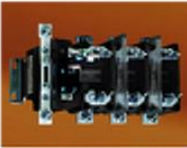
## Constructional Features

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	TP/TPN	TP/TPN
			
	PSFS100	PSFS125	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 Ue	415V AC	415V AC	415V AC
Operating Temp.	-20° to +50°C	-20° to +50°C	-20° to +50°C
Impulse Withstand Uimp	8 KV	8 KV	8 KV
Insulation Voltage Ue	1000 V	1000 V	1000 V
Rated Enclosed Thermal Current Ith	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>

## Price List

CAT REF	RATING (A)	POLES	UNIT LIST PRICE (Rs.)
PSFS1003*	100	TP	2250
PSFS1003N*	100	TPN	2675
PSFS1253*	125	TP	2850
PSFS1253N*	125	TPN	3400
PSFS1603*	160	TP	3550
PSFS1603N*	160	TPN	3750
<b>ACCESSORIES</b>			
PSAA11	1NO+1NC Aux. Contact		200
PSAT2	Terminal Shrouds		75

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

#### Terms & Conditions :

- Prices are subjected to change without notice.
- Prices are inclusive of excise duty, but exclusive of other taxes/duties which should be charged extra as applicable.
- Effective from 01-11-2003.

# Dimensions (mm)

