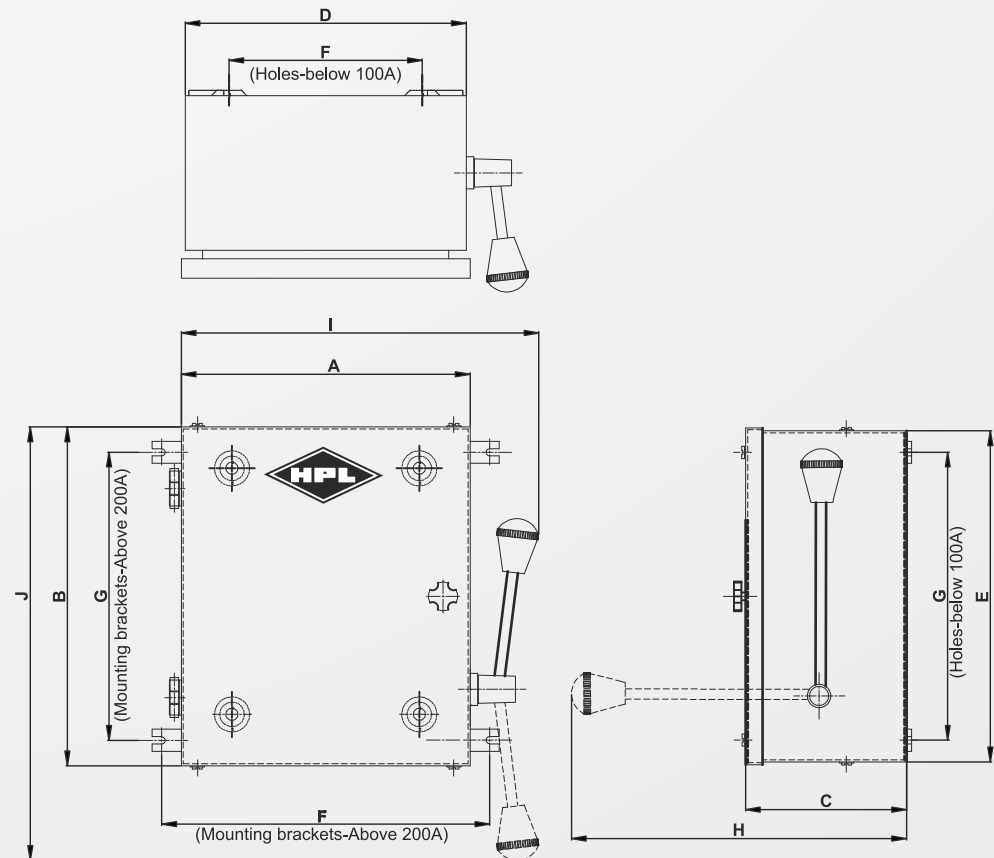




# Switch Fuse Unit

## Dimensional Details

Rating	Item Code	A	B	C	D	E	F	G	H	I	J
16A-240V SPN	SFSRW2SPN16	122	151	71	111	159	75	114	100	150	182
16A-240V DP	SFSRW2DP16	122	151	71	111	159	75	114	100	150	182
32A-415V-SPN	SFSRW4SPN32	151	220	82	136	232	80	172	152	180	274
32A-415V-DP	SFSRW4DP32	155	255	82	155	255	90	192	135	215	325
63A-415V-SPN	SFSRW4SPN63	165	287	95	165	287	118	240	173	210	360
63A-415VDP	SFSRW4DP63	165	287	95	165	287	118	240	173	210	360
16A-415V TPN	SFSRW4TPN16	173	230	85	181	222	136	184	165	225	310
32A-415V-TPN	SFSRW4TPN32	215	270	85	205	260	120	210	160	253	335
63A-415V-TPN/STD	SFSSD4TPN63	270	305	120	270	305	170	242	235	330	415
63A-415V-TPN/DLX.	SFSDX4TPN63	290	330	125	290	330	190	260	235	340	440
100A-415V-TPN/STD.	SFSSD4TPN100	290	360	130	290	360	190	300	265	375	500
100A-415V-TPN/DLX.	SFSDX4TPN100	350	405	140	350	405	230	330	260	395	530
200A-415V-TPN	SFSRW4TPN200	335	545	180	335	545	375	445	280	415	570
320A-415V-TPN	SFSRW4TPN320	370	585	200	370	585	410	470	305	450	610



Rewirable C/o 01/18



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# Switch Fuse Unit



## Switch Fuse Units

## Rewirable & HRC Type



# Switch Fuse Unit

## Switch Fuse Unit

HPL surface mounting Switch Fuse Units are specially designed for industrial and commercial applications where heavy on-load switching duties are required. They are also ideal and effective for repeated switching operation for domestic purpose.

### Range

#### Rewireable type

- 16A, 32A, & 63A, 240V & 415V SPN / DP
- 16A to 320A, 415V, TPN

#### HRC cum Rewireable type

- 16A to 100A, 415V TPN

### Specifications :

Conforms to IS / IEC : 60947 (Pt) - 1 & 3.



## Salient Features

- Complete interchangeability between vitreous steatite porcelain Rewireable carriers and HRC fuse carriers.
- HRC type porcelain fuse carriers are available for current rating 16A, 32A, 63A, and 100A
- Quick make and break operating mechanism, independent of the speed of the operator, minimizes the arc.
- Available in SPN, DP, and TPN version
- Adequate sized silver plated terminals, suitable for copper/ aluminium cable/bus-bar termination are provided with terminal cover shields to prevent any accidental contact with live contacts.
- The switches are provide with door interlock to ensure that the switch cannot be opened in 'ON' condition
- The enclosure are surface-mounted, made of thick gauge CRCA sheets, protected with phosphate coating by eight tank system and powder coated for long life. All enclosures are fitted to removable top & bottom end plates with adequately sized double knockouts cable entry & exist.
- Electrical contracts are made of electrolytic grade copper, silver plated for better conductivity and greater resistance to corrosion.
- Specially designed female contacts ensure low contact resistance and better arc-control.
- HPL switch fuse units are designed for use with HRC cartridge fuse links conforming to IS: 13703-93
- Buffer stoppers to prevent carrier ejection under faulty condition
- Successfully tested at Central Power Research Institute (CPRI) and Electrical Research Development Association (ERDA)



# Switch Fuse Unit

## Technical Specifications

### Recommended fuses

Rating	Short circuit Making capacity (with Fuse Wire)	Utilization Category	Tinned copper fuse wire gauge (SWG)	(HRC typeR carrier)	Rated fused short circuit with HRC fuses	Performance operation cycles without load
16A	2 KArms	AC-22A	25	LKNS	50 KArms	12,000
32A	4 KArms	AC-22A/23A	22	LKTSA	50 KArms	12,000
63A	4 KArms	AC-22A/23A	18	LKTSS	50 KArms	12,000
100A	4 KArms	AC-22A/23A	14	LKTSD	50 KArms	12,000
200A	4 KArms	AC-22A/23A	2x14	-	Only Rewirable Type	9,000
320A	4 KArms	AC-22A	3x14	-	Only Rewirable Type	6,000

