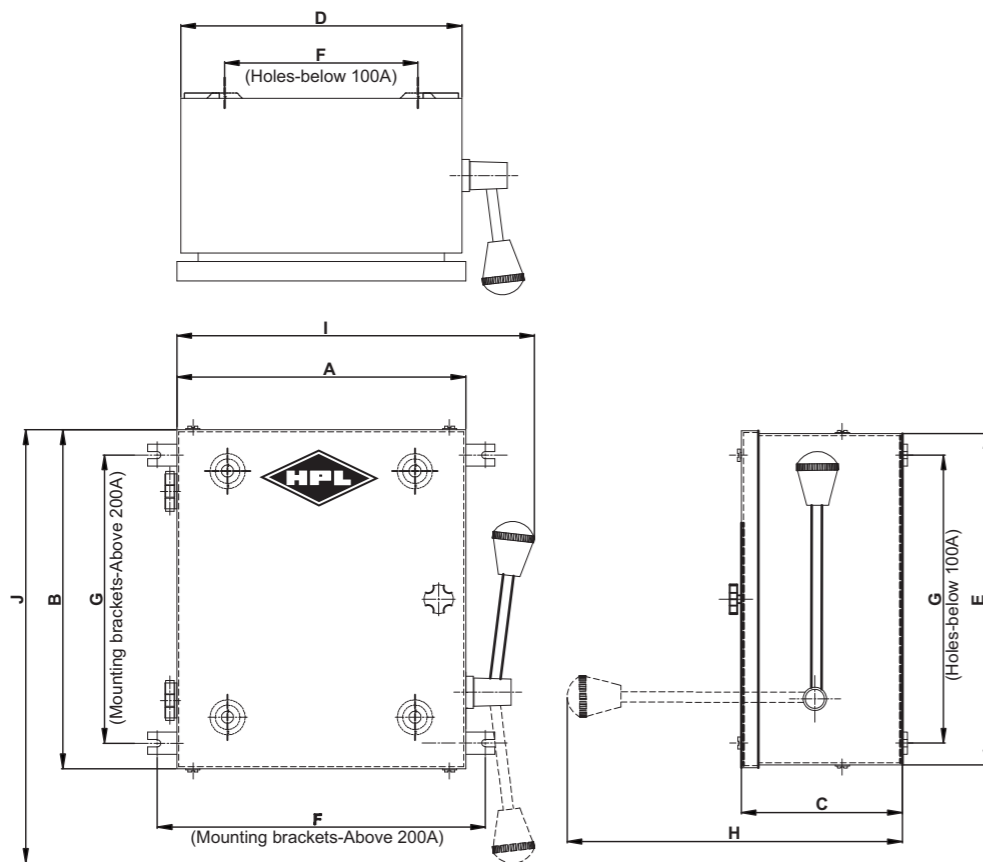




Switch Fuse Unit

Dimensional Details (in mm)

| Rating | Item Code | A | B | C | D | E | F | G | H | I | J |
|--------------------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 32A-415V-SPN | SFSRW4SPN32 | 151 | 220 | 82 | 136 | 232 | 80 | 172 | 152 | 180 | 274 |
| 32A-415V-DP | SFSRW4DP32 | 215 | 270 | 85 | 205 | 260 | 120 | 192 | 135 | 253 | 325 |
| 63A-415V-SPN | SFSRW4SPN63 | 165 | 287 | 95 | 165 | 287 | 118 | 240 | 173 | 210 | 360 |
| 63A-415V DP | SFSRW4DP63 | 165 | 287 | 95 | 165 | 287 | 118 | 240 | 173 | 210 | 360 |
| 32A-415V-TPN | SFSRW4TPN32 | 215 | 270 | 85 | 205 | 260 | 120 | 210 | 160 | 253 | 335 |
| 63A-415 V-TPN/STD | SFSSD4TPN63 | 270 | 305 | 120 | 270 | 305 | 170 | 242 | 235 | 330 | 415 |
| 63A-415 V-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-415 V-TPN | SFSRW4TPN200 | 335 | 545 | 180 | 335 | 545 | 375 | 445 | 280 | 415 | 570 |
| 320A-415 V-TPN | SFSRW4TPN320 | 670 | 585 | 200 | 370 | 585 | 410 | 470 | 305 | 450 | 610 |



Rewirable C/o 09/24



Switch Fuse Unit



Switch Fuse Units Rewirable & HRC Fuse Type



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Switch Fuse Unit

Switch Fuse Unit

HPL surface mounting Switch Fuse Units boasts the most quintessential design for utilization in industrial, commercial and domestic applications. Designed with utmost precision in world class R&D laboratory are combination of advanced engineering technology with aesthetic design setting a new benchmark at national and international levels. (Conforms to IS/IEC: 60947 (Pt) - 1 & 3.)

Range

Rewireable type

- 32A, & 63A, 240V SPN & 415 DP
- 32A, 63A, 100A, 200A & 320A TPN 415V

HRC cum Rewireable type

- 32A, 63A & 100A TPN 415V

Standard Range (Front handle operated)

- 32A, 63A, 100A TPN 415V

Delux Range

- 63A, & 100A TPN (HRC-Type) ISI marked



Salient Features

- SFUs are available with vitreous steatite porcelain rewireable and HRC fuse carriers.
- Interchangeability between vitreous steatite porcelain Rewireable and HRC fuse carriers
- Complete range designed with double break contact mechanism.
- Contacts are specially designed and are made of electrolytic copper with tin plating and are spring controlled and operated with quick make and quick break mechanism to ensure minimal contact resistance and better arc control
- Adequate sized terminals, suitable for copper/aluminium cable/bus-bar termination are provided with terminal cover shields to prevent any accidental contact with live contacts.
- Switches are provided with door defeat interlock to prevent accidental opening in 'ON' condition.
- Enclosures are fabricated from finest quality CRCA steel which goes through pretreatment in nine tank process of degreasing, derusting, surface activation, phosphating and passivation before high quality electrostatic powder coating and are baked at a precise temperature for long lasting finish.
- Enclosure provided with removable top & bottom end plates with adequately sized double knockouts for cable entry & exit.
- Switch Enclosures are with ingress protection (IP-42 rated) preventing entrance of any solid particle/wire/tool of size greater than 1mm and water spray/rain water fall of less than an angle of 15 degrees from vertical.
- SFUs are designed for use with HRC fuses conforming to IS:13703-1993
- Tested solution with in house and third party testing from CPRI & confirms to IS/IEC 60947-3 (1993).



Switch Fuse Unit

Technical Specifications

Recommended fuses

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

