

Cast Iron Enclosed Switchfuses & Switches/Isolators

DESIGN FEATURES

The cases & covers are of cast iron. Units are weather proof & dust protected.

Mechanism is Positive, Quick make & Quick break mechanism provided

All units are mechanically interlocked to prevent accidental contact of live part

FUSES

KEW Switchfuse has facility of interchangeability between HRC or Rewirable fuse carrier for the same fuse base. HRC carrier will accept bolted HRC fuse link to IS: 9224-1979

Fuse base & carrier are made up of finest quality Vitreous Ceramic.

TECHNICAL FEATURES

- Hard bright nickleplated contacts for high conductivity & longer life.
- Fully shrouded live parts.
- Cable terminals suitable for accomodating aluminium & copper conductors.
- All contacts are prepared from electrolytic copper & extruded brass.

EASE OF INSTALLATION & MAINTENANCE

Cover are detachable to facilitate wiring & maintenance. Removable insulated Switchbar to facilitate easy cabling access. Ample wiring space for aluminium conductor.



SPECIFICATION

Rewirable Switch-fuse units Complies with IS-10027-1981 tested for AC21 utilisation category & are suitable for use on systems having a short circuit capacity of up to 4KA at 415V Ac when fitted with Rewirable fuses to IS 9926-1981

HRC Switchfuse units complies with IS-13947 Pt3 - 1993 & BS5419, tested for AC23 utilization category & are suitable for use on systems having a short circuit capacity of up to 50 KA at 415v Ac when fitted with HRC fuse links to IS-13703-1993



Switchgear & Fusegear

TYPE**K
AX****TECHNICAL SPECIFICATION & LIST NOS.**

| RATINGS | NO. OF POLES | SWITCH -FUSES type-K | ISOLATORS type-AX | MOTOR Ratings ③ at 415 V | | Terminal Capacity in mm ² | | Suitable ^{KEW} HRC Fuse Link ① | Recommended Fuse wire ② | |
|------------------|--------------|---------------------------|---------------------------|--------------------------|-----|--------------------------------------|---------|---|-------------------------|----------|
| | | | | KW | HP | PHASE | NEUTRAL | | Swg | Dia.(mm) |
| 16A-240V | DP | 122 K (Wire Entry) | — | 3 | — | 10 | 16 | — | 25 | 0.5 |
| | SPN | 122 KSPN (Wire Entry) | — | | | | | | | |
| | DP | 1212 K (Conduit Entry) | — | | | | | | | |
| 16A-415V | DP | 1215 K | 1315 AXJ/AXS 1315 AXSN | 5.5 | 7.5 | 10 | 16 | — 15 KNS | 25 | 0.5 |
| | TP | *315 K | | | | | | | | |
| | TPN | *315 KN | | | | | | | | |
| 32A-240V | DP | 130 K | — | 6 | — | 16 | 16 | — | 21 | 0.85 |
| 32A-415V | DP | 1230 K | — | 11 | 15 | 16 | 16 | — | 21 | 0.85 |
| | TP | 330 K | 1330 AX | | | | | | | |
| | TPN | 330 KN | 1330 AXN | | | | | | | |
| 63A-240V | DP | 160 K | — | — | — | 50 | 35 | — | 16 | 1.5 |
| 63A-415V | DP | 1260 K | — | — | — | 50 | 35 | — | 16 | 1.5 |
| | TP | 360 K | 1360 AX | | | | | | | |
| | TPN | 360 KN | 1360 AXN | | | | | | | |
| 100A-415V | DP | *2100 K | — | — | — | 70 | 70 | 100 KCP | 14 | 2.0 |
| | TP | *3100 K | 3100 AX | | | | | | | |
| | TPN | *3100 KN | 3100 AXN | | | | | | | |

* STAR MARKED Switch fuse units are suitable for both Rewirable & HRC fuses.

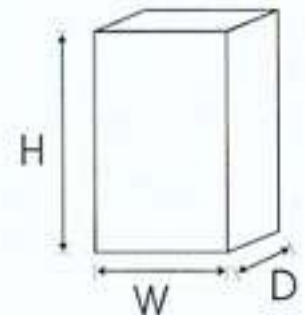
① Round body HRC fuselink ② Tinned copper rewirable fuse wire ③ For S.F.U. only.

OVERALL DIMENSIONS (IN mm)**SWITCH-FUSES (Iron-Clad)**

| Dimensions (mm) | 122 k | 1212 K | 1215 K | 315 K | 130 K | 1230 K | 330 K | 160 K | 1260 K | 360 K | 2100 K | 3100 K |
|------------------------|----------|--------|--------|--------|-------|--------|--------|-------|--------|--------|--------|---------|
| | 122 KSPN | | | 315 KN | | | 330 KN | | | 360 KN | | 3100 KN |
| HEIGHT | 138 | 185 | 231 | 218 | 231 | 280 | 250 | 334 | 334 | 353 | 613 | 452 |
| WIDTH | 108 | 105 | 120 | 159 | 120 | 152 | 200 | 171 | 171 | 263 | 295 | 322 |
| DEPTH | 64 | 68 | 80 | 83 | 80 | 98 | 90 | 132 | 132 | 130 | 176 | 155 |
| Net Weight (kg) Approx | 1.7 | 3.0 | 3.5 | 4.6 | 3.5 | 6.6 | 6.6 | 11.0 | 11.0 | 14.6 | 23.1 | 21.2 |

ISOLATORS (Iron-Clad)

| Dimensions (mm) | 1315 AXJ | 1315 AXS 1315 AXSN | 1330 AX 1330 AXN | 1360 AX 1360 AXN | 3100 AX 3100 AXN |
|--------------------------|----------|-----------------------|---------------------|---------------------|---------------------|
| HEIGHT | 140 | 195 | 219 | 280 | 349 |
| WIDTH | 148 | 178 | 244 | 298 | 381 |
| DEPTH | 80 | 88 | 102 | 140 | 171 |
| Net Weight (Kg.) Approx. | 2.4 | 4.6 | 5.6 | 11.9 | 17.0 |



Note : Detail overall dimensions available on request

KEW**KUSUM ENGINEERING WORKS**

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Since product improvement is a continuing KEW policy, specifications of any product are subject to change without prior notice.



Available at :