



## **Cast Iron Enclosed Switchfuses & Switch/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** Switches 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: 13703-1993.

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

**TECHNICAL SPECIFICATION & LIST NOS.**

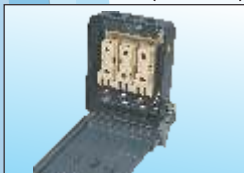
RATINGS	NO. OF POLES	SWITCH-FUSES type-K	ISOLATORS type-K	MOTOR Ratings at 415 V		Terminal Capacity max. in mm <sup>2</sup>		Suitable <b>KEW</b> HRC Fuse Link ①	Recommended Fuse wire ②	
				③ KW	HP	PHASE	NEUTRAL		Swg	Dia.(mm)
16A-240V	DP SPN DP	122 K (Wire Entry) 122 KSPN (Wire Entry) 1212 K (Conduit Entry)	- - -	3	-	10	16	-	25	0.5
16A-415V	DP TP TPN	1215 K *315 K *315 KN	1315 AXJ/S 1315 AXSN	5.5	7.5	10	16	- 15 KNS 15 KNS	25	0.5
32A-240V	DP	130 K	-	6	-	16	16	-	21	0.85
32A-415V	DP TP TPN	1230 K 330 K 330 KN	- 1330 AX 1330 AXN	11	15	16	16	-	21	0.85
63A-240V	DP	160 K	-	-	-	50	35	-	16	1.5
63A-415V	DP TP TPN	1260 K 360 K 360 KN	- 1360 AX 1360 AXN	- 22	30	50	35	-	16	1.5
100A-415V	DP TP TPN	*2100 K *3100 K *3100 KN	- 3100 AX 3100 AXN	- 30	40	70	70	100 KCP	14	2.0

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

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

**OVERALL DIMENSIONS**

**SWITCH-FUSES (Iron-Clad)**

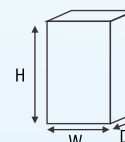


Dimensions (mm)	122 K 122 KSPN	1212 K	1215 K	315 K 315 KN	130 K	1230 K	330 K 330 KN	160 K	1260 K	360 K 360 KN	2100 K	3100 K 3100 KN
HEIGHT	138	185	231	218	231	280	250	334	334	353	613	452
WIDTH	108	105	120	159	120	152	200	171	171	263	295	322
DEPTH	64	68	80	83	80	98	90	132	132	130	176	155
Net Weight (Kg.) 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