

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 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)	-							
	SPN	122 KSPN (Wire Entry)	-	3	-	10	16	-	25	0.5
	DP	1212 K (Conduit Entry)	-							
16A-415V	DP	1215 K				10	16			
	TP	*315 K	1315 AXJ/AXS	5.5	7.5			15 KNS	25	0.5
	TPN	*315 KN	1315 AXSN							
32A-240V	DP	130 K	-	6	-	16	16	-	21	0.85
32A-415V	DP	1230 K	-							
	TP	330 K	1330 AX	11	15	16	16	-	21	0.85
	TPN	330 KN	1330 AXN							
63A-240V	DP	160 K	-			50	35	-	16	1.5
63A-415V	DP	1260 K	-							
	TP	360 K	1360 AX	22	30	50	35	-	16	1.5
	TPN	360 KN	1360 AXN							
100A-415V	DP	*2100 K	-							
	TP	*3100 K	3100 AX	30	40	70	70	100 KCP	14	2.0
	TPN	*3100 KN	3100 AXN							

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

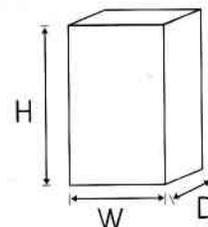
① Round body HRC fuselink ② Tinned copper rewirable fuse wire ③ For S.F.U. only.

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	1330 AX	1360 AX	3100 AX
		1315 AXSN	1330 AXN	1360 AXN	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**Paras Compound,
S.V. Road, Goregaon (W),
Mumbai 400 104.☎ : 8722006 / 8721589
☎ : 91-22-8730291*Switch to Perfection*

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

Available from:

Tele. (O) 2112402, 2155738
JIGAR ASSOCIATES
1057, Pushpakantari P.O.
Bala Hanuman,
Gandhi Road,
Ahmedabad - 380 001

Sheet steel Enclosed Switchfuses & Switches/Isolators

RANGE

KEW Rewirable cum HRC Switchfuse & Switches are available in ratings 16A to 200A Amps SPN, Double pole and Triple pole & Neutral are available.

SPECIAL FEATURES

- Quick make Quick break mechanism independent of operator.
- Break mechanism is high speed
- Adequate wiring space for neat & Quick wiring.
- All units are mechanically interlocked to prevent accidental contact of live parts.

FUSES

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

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

ENCLOSURES

All enclosures are fabricated from sheet steel which is treated with rust prevention layer of zinc phosphate & finished with powder coating of dark grey colour.

EASE OF INSTALATION & 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-9224-1979

TECHNICAL FEATURES

- Hard bright nickle plated contacts for high conductivity & longer life.
- Fully shrouded live part
- Cable termination suitable for accomodating aluminium & copper conductors.
- All contacts are prepared from electrolytic copper & extruded brass.



Switchgear & Fusegear

TYPE **KSM AXSM**

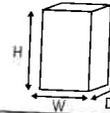
TECHNICAL SPECIFICATION & LIST NOS.

RATINGS	NO. OF POLES	SWITCH -FUSES type-KSM	ISOLATORS type-AXSM	MOTOR Ratings at 415 V ^③		Terminal Capacity in mm ²		Suitable KEW HRC Fuse Link ^①	Recommended Fuse wire ^②	
				KW	HP	PHASE	NEUTRAL		Swg	Dia.(mm)
16A-240V	SPN	*122 KSMSPN	-	3	-	10	16	-	25	0.5
	DP	*122 KSM	-							
16A-415V	TP	315 KSM	-	5.5	7.5	10	16	15 KNS	25	0.5
	TPN	315 KSMN	-							
32A-240V	DP	*130 KSM	-	6	-	16	16	-	21	0.85
32A-415V	TP	330 KSM	-	11	15	16	16	30 KIA	21	0.85
	TPN	330 KSMN	-							
63A-240V	DP	160 KSM	-	9	-	50	35	60 KIS	16	1.5
63A-415V	DP	1260 KSM	-	22	30	50	35	60 KIS	16	1.5
	TP	360 KSM	1360 AXSM							
	TPN	360 KSMN	1360 AXSMN							
100A-415V	TP	3100 KSM	3100 AXSM	30	40	70	70	100 KCP	14	2.0
	TPN	3100 KSMN	3100 AXSMN							
200A-415V	TP	-	3200 AXSM	56	75	150	70	200 KFP	12	2.64
	TPN	3200 KSMN	3200 AXSMN							

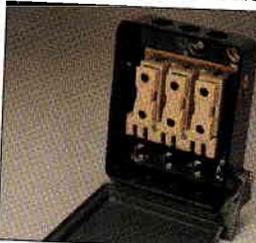
*STAR MARKED Switch fuse units are suitable for rewirable fuse only.

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

OVERALL DIMENSIONS (IN mm)

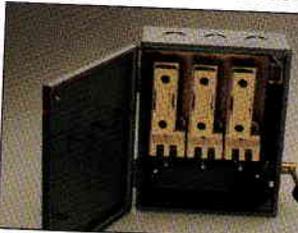


SWITCH-FUSES-Sheet metal (Deepdraw)



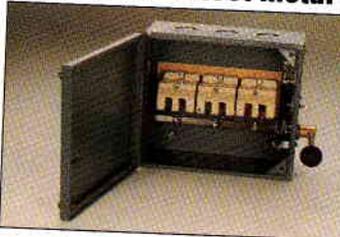
Dimensions (mm)	122 KSM 122 KSMSPN	315 KSM 315 KSMN	130 KSM	330 KSM 330 KSMN
HEIGHT	148	205	207	245
WIDTH	106	160	122	200
DEPTH	65	76	72	90
Net Weight (Kg.) Approx.	1.050	2.3	2.0	3.8

SWITCH-FUSES-Sheet metal (Fabricated)



Dimensions (mm)	160 KSM 1260 KSM	360 KSM 360 KSMN	3100 KSM 3100 KSMN	3200 KSMN
HEIGHT	330	330	446	480
WIDTH	194	267	330	407
DEPTH	122	122	140	159
Net Weight (Kg.) Approx.	6.5	8.85	16.3	24.5

ISOLATORS - Sheet metal (Fabricated)



Dimensions (mm)	1360 AXSM 1360 AXSMN	3100 AXSM 3100 AXSMN	3200 AXSM 3200 AXSMN
HEIGHT	243	281	320
WIDTH	267	331	407
DEPTH	122	140	163
Net Weight (Kg.) Approx.	6.0	7.8	11.8



Switch to Perfection

Available from:

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FOLD

Change over Switches On-Load Quick Make and Break

SALIENT FEATURES

- ON LOAD Type Tested & Proven Design.
- Quick make & Quick break type mechanism.
- Mechanically interlocked cover prevents opening in ON Position.
- All live terminals are shrouded by means of - Removable Shields.
- Track resistant insulating material for moist & tropical application.
- Easily interchangeable components in case of maintenance.

ENCLOSURES

Changeover switches are available in two type Cast iron & Sheetmetal enclosures

CAST IRON, ENCLOSURES

Are shotblasted cleaned and coated with zinc chromatic primer and coated with dark grey semi glossy stoved enamel.

SHEET STEEL ENCLOSURES

Are pressed from CRCA steel and coated with zinc phosphate rust preventive coating and



then powder coated to give long rust free life. Enclosures are provided with gasketed detachable cover which can be opened only in off position.

SPECIFICATION

Successfully tested & complies with IS 4064 1978 & BS 5419 1977

TECHNICAL FEATURES

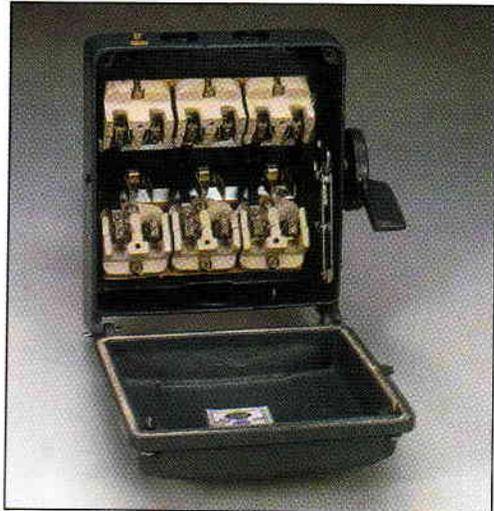
Terminals are suitable for accomodating Aluminium & copper cables, terminals are made up of extruded casted brass.

Heavily nickle plated contact for long life & high conductivity.

All moving contacts are manufactured from electrolytic copper.



Switchgear & Fusegear



TECHNICAL SPECIFICATION & LIST NOS.

RATINGS	NO. OF POLES	CAST IRON RANGE-DA LIST NO.	SHEET METAL RANGE - DASM LIST NO.
16A-240V	2P	-	2150DASM
16A-415V	3P	3150DA	3150DASM
16A-415V	4P	4150DA	4150DASM
32A-240V	2P	-	2300DASM
32A-415V	3P	3300DA	3300DASM
32A-415V	4P	4300DA	4300DASM
63A-415V	3P	3600DA	3600DASM
63A-415V	4P	4600DA	4600DASM
100A-415V	3P	1003DA	1003DASM
100A-415V	4P	1004DA	1004DASM

OVERALL DIMENSIONS (in mm)

SHEET METAL Change Over Switch

Dimensions	SHEET METAL Change Over Switch											
	2150 DASM	3150 DASM	4150 DASM	2300 DASM	3300 DASM	4300 DASM	3600 DASM	4600 DASM	1003 DASM	1004 DASM		
HEIGHT ↓	185	185	185	240	240	240	285	285	355	355		
WIDTH ↔	127	167	207	163	215	267	281	351	358	446		
DEPTH	96	96	96	101	101	101	139	139	157	157		
Net Weight (Kg) approx	1.980	2.550	3.020	2.900	3.950	4.830	8.110	10.000	13.340	16.400		

CAST IRON Change Over Switch

Dimensions	CAST IRON Change Over Switch									
	3150 DA	4150 DA	3300 DA	4300 DA	3600 DA	4600 DA	1003 DA	1004 DA		
HEIGHT ↓	198	197	227	225	306	306	430	434		
WIDTH ↔	156	200	193	254	269	340	336	429		
DEPTH	91	94	104.5	103	140	138	170	168		
Net Weight (Kg) approx	4.500	5.500	6.500	8.400	15.500	18.000	26.000	26.500		

NOTE: Detail overall dimensions available on request



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 Paras Compound,
 S.V. Road, Goregaon (W),
 Mumbai 400 104.
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 : 91-22-8730291

Available from:
JIGAR ASSOCIATES
 1957, Pushpkamari Pole,
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