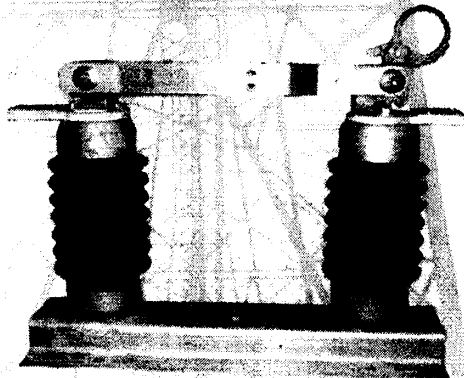
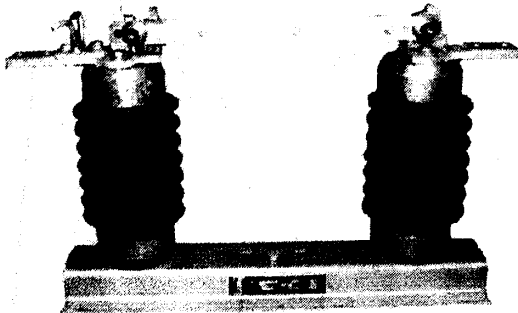
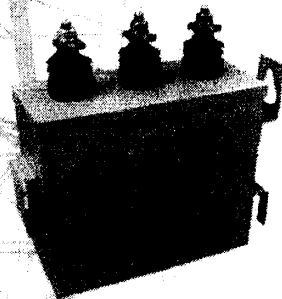
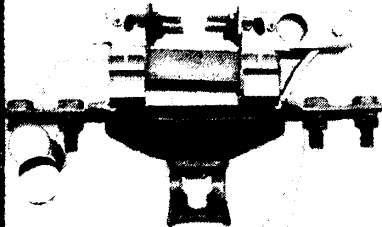
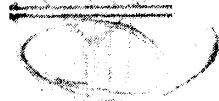
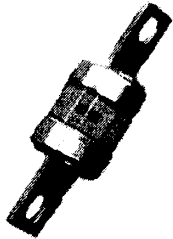
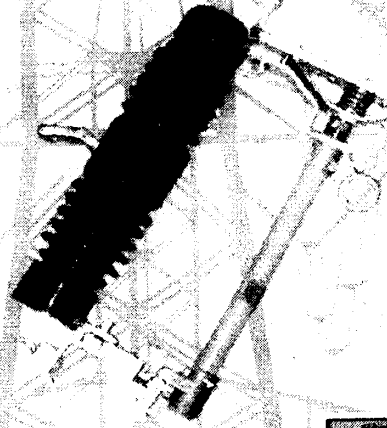
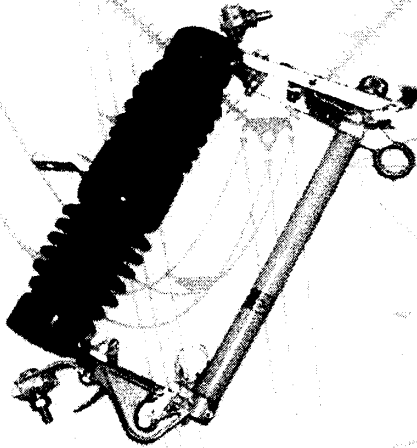


**U-tah** U-TAH INDUSTRY LTD.,PART.

# We are Leader

Products

- Drop-Out Fuse Cutout Single-Vent Type
- Drop-Out Fuse Cutout Double-Vent Type
- Disconnecting Switch for Substation Type
- Disconnecting Switch for Distribution Type
- Low Tension Fuse Switch
- High Voltage Fuse Link
- Low Tension HRC Fuse Link
- Low Voltage Power Capacitor

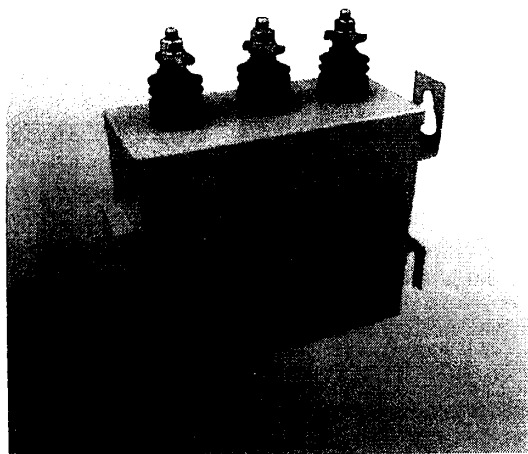




U-TAH INDUSTRY LTD..PART.

# Low Voltage Power Capacitor

## *Three phase outdoor RUF P Type*



- ☆ Type RUF P Low Voltage Power Capacitor, are designed to meet IEC standard.
- ☆ Rated voltage 400/415 V.
- ☆ Rated Capacity from 5 kvar up to 100 kvar.
- ☆ ISO 9001 certificated.

### Specification

All U-tah Low Voltage Power Capacitors are manufactured to fully meet IEC Standard. Foreign technical cooperation helps assure manufacturing process, quality conformity, testing and quality control. U-tah Low Voltage Power Capacitors have been widely used for many years in both industries and power utilities in Thailand.

Type	U-tah low voltage power capacitor
Rating	400/415 V, 5 kvar-100 kvar
Acceptable overvoltage	110% of rated voltage
Acceptable overcurrent	130% of rated current
Maximum capacitor	130% of rated output
capacitor tolerance	+10 , -5%
capacitor losses	< 0.5 W/kvar
Discharge resistor	Built-in
Internal protection	built-in overpressure disconnecter
Temperature category	-25, +55° C
Impregnation liquid	Harmless to the environment

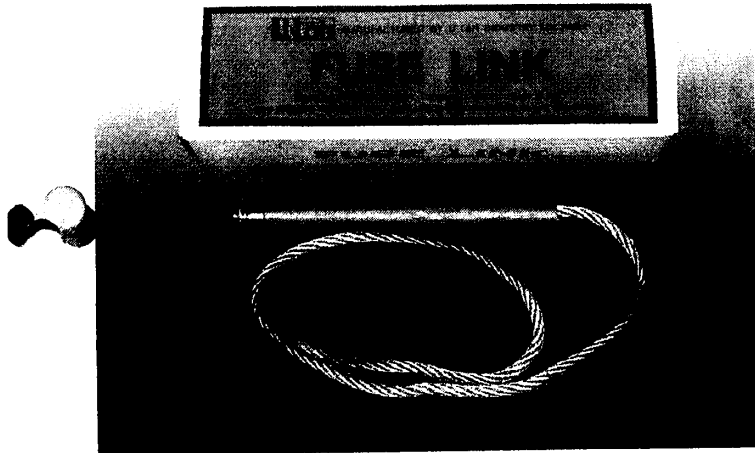
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U-TAH INDUSTRY LTD..PART.

# HIGH-VOLTAGE FUSE LINK

*Type K*



- \* High voltage fuse links type FLK01 are designed to meet ANSI / IEEE standard
- \* Removable and Solid button head type.
- \* Rated voltage up to 38 kV.
- \* Rated continuous current up to 100 A.
- \* ISO 9001 certificated.

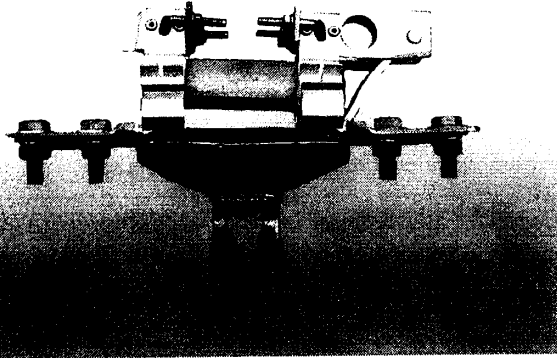
## Specification

Type	U-Tah High Voltage Fuse Link		
	Removable and solid button head Type K		
	FLK01/15	FLK01/27	FLK01/38
Rated voltage (kV)	15	27	38
Rated continuous current (A)	1 - 100		
Frequency (Hz)	50		
Length (mm.)(approx.)	575	665	775
Referance standard	ANSI / IEEE C37		
Tensile withstand strength (Pounds)	> 10		
Melting time-current and Total clearing time-current characteristic	In accordance to standard requirements.		



U-TAH INDUSTRY LTD..PART.

# Low Tension Fuse Switch



- \* Low tension fuse switch type LT1604 are designed to meet DIN and IEC standard
- \* Rate voltage 600 V
- \* Rate current 400 A
- \* ISO 9001 certificated.

## Description

### Application

U-tah LT1604 Outdoor Fuse Switch is of low tension, single-pole, single-throw, with one fuse mounted on its moving member. The fuse serves for the purpose of protecting a circuit against damage from an excessive current. U-tah Fuse Switch is designed for DIN and IEC standard fuse sizes 1 and 2 according to requirement.

### Service conditions

U-tah LT1604 Fuse Switches are suitable for used under the following conditions of service :

- An ambient temperature having a peak value not exceeding  $50^{\circ}\text{C}$ , with an average value not exceeding  $45^{\circ}\text{C}$  over 24 hour period.
- An attitude not exceeding 1000 m. above sea-level.
- An atmosphere not subjecting to excessive pollution by smoke, chemical fumes, salt-laden spray, humidity or other abnormal conditions.
- The rated current being 400 A and the rated voltage 600 V.

### Operation

U-tah LT1604 Fuse Switches are for installation underneath the cross-arms on concrete poles. They serve as main switches receiving power from the transformer, or feeder protection switches for distribution of power from the main power line to two or more feeders.

U-tah LT1604 Fuse Switches are operated by a hook-stick. With the lifting eye the movable unit with mounted fuse is first attached to the fixed unit by the holding bar hook. The switch is then brought to the closed position with the hook stick engaging the operating eye, swinging the free end of the movable unit to about 3 cm. from the fixed contact, and following by a quick upward thrust. The fixed and moving contacts are thus made. To break the contact, the reverse operations are carried out.

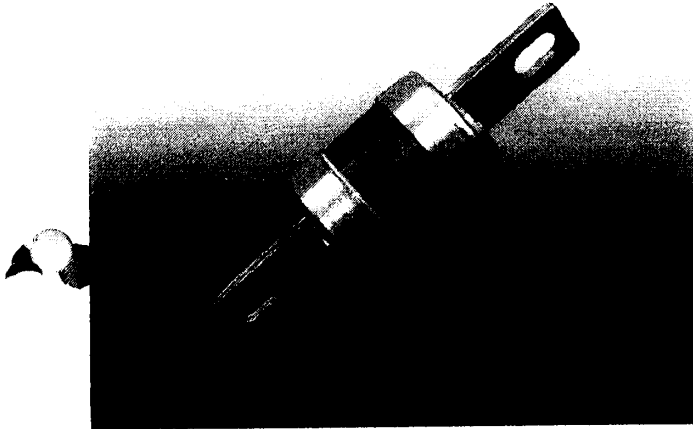
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U-TAH INDUSTRY LTD.,PART.

# LOW TENSION HRC FUSE LINK

*gG Type*



\* U-tah low tension HRC fuse links type RT15 are designed to meet IEC standard.

\* Rated voltage 415/500 V.

\* Rated continuous current up to 400 A.

\* Rated breaking capacity 80 kA.

\* ISO 9001 certificated.

## Specification

Specifications	U-Tah Low Tension HRC Fuse Link									
	RT15-32	RT15-50	RT15-80	RT15-100	RT15-160	RT15-200	RT15-250	RT15-315	RT-355	RT15-400
Type										
Rated current (A)	32	50	80	100	160	200	250	315	355	400
Rated voltage (V)	415/500									
Rated frequency (Hz)	50/60									
Temperature -rise	< 65° C									
Rated power dissipation (W)	< 4.4	< 5.85	< 7.91	< 9.1	< 13.84	< 17	< 23.52	< 32	< 35.77	< 40
Conventional current (A)										
- Non fusing	40	62.5	100	125	200	250	312.5	393.75	443.75	500
- Fusing	51.2	80	128	160	256	320	400	504	568	640
Breaking range	Type gG									
Rated breaking capacity (kA)	80									
Weight (g)(approx.)	138	140	142	145	236	238	344	364	481	491
Reference standard	IEC 60269 and BS88									

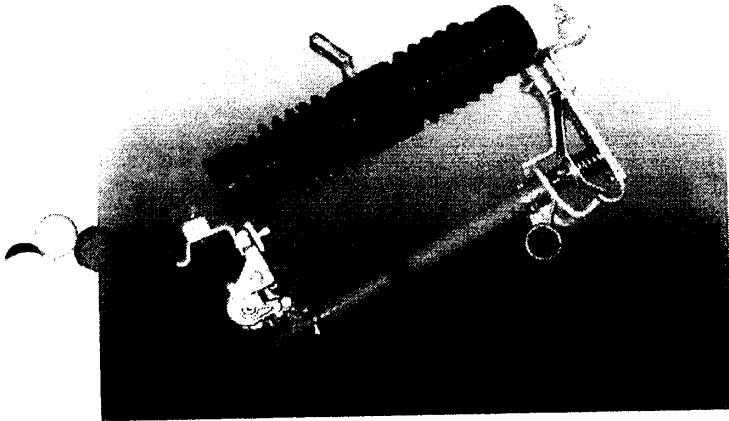
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U-TAH INDUSTRY LTD..PART.

# Drop-Out Fuse Cutout

## *Single-Vent Type*



☆ U-tah drop-out fuse cutout type DH112,

212, and 301 are designed to meet

ANSI-NEMA standard.

☆ High efficiency to protect distribution lines and equipments.

☆ Interchangability.

☆ ISO 9001 certificated.

### Specification

Specification	U-tah Drop-Out Fuse Cutout		
	Single-Vent Type		
Type	DH112	DH212	DH301
Rated nominal voltage (kV)	14.4	25.0	34.5
Rated maximum voltage (kV)	15.5	27.0	38.0
Rated continuous current (A)	100		
Rated frequency (Hz)	50/60		
Rated interrupting current (kA)(Asym)	8,12	8,12	8
Insulator	Normal/Heavy duty type		
Creepage distance to ground (mm.)	> 220 / > 250	> 320 / > 426	> 650
Rated power withstand voltage (kV)			
- Dry test (1min.)	35	42	70
- Wet test (10sec.)	30	36	60
BIL (kV)	95/110	125/150	150/170

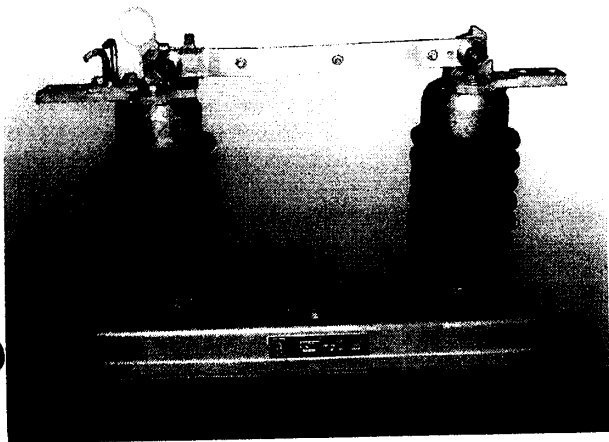
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U-TAH INDUSTRY LTD..PART.

# Disconnecting Switch

## *Distribution Type*



- ✧ Type D1LH Disconnecting switches are designed to meet ANSI and IEC standard.
- ✧ Rated voltage up to 38 kV.
- ✧ Rated continuous current up to 2000 A.
- ✧ Peak short time withstand current up to 125 kA.
- ✧ ISO 9001 certificated.

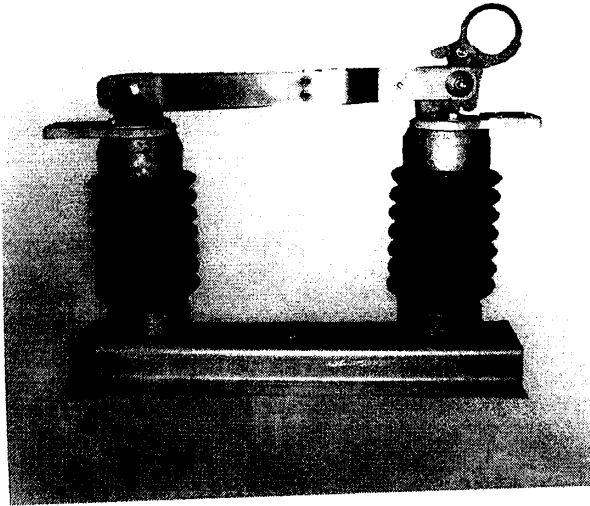
### Specification

Type	U-tah distribution disconnecting switch		
	D1LH 15/600	D1LH 24/600	D1LH 36/600
Rated max.voltage (kV) (r.m.s.)	16	26	38
Rated continuous current (A)	630	630	630
Rated frequency (Hz)	50/60		
Rated lightning impulse withstand voltage (kV)(peak)	110	150	200
Rated power frequency withstand voltage, 1 min. dry (kV)(r.m.s.)	50	70	95
Rated power frequency withstand voltage, 10 sec. wet (kV)(r.m.s.)	45	60	80
Rated peak withstand current (kA)	68	68	68
Rated Short-Time withstand current (kA)(r.m.s.)	25	25	25
Weight (kg)	24	40	53

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# Disconnecting Switch

## Substation Type



- ☆ Type D1LH Disconnecting switches are designed to meet ANSI and IEC standard.
- ☆ Rated voltage up to 38 kV.
- ☆ Rated continuous current up to 2000 A.
- ☆ Peak short time withstand current up to 125 kA.
- ☆ ISO 9001 certificated.

### Specification

Type	U-tah substation disconnecting switch						
	D1LH 15/600	D1LH 15/1250	D1LH 24/600	D1LH 24/1250	D1LH 24/2000	D1LH 36/600	D1LH 36/1250
Rated max.voltage (kV) (r.m.s.)	16	16	26	26	26	38	38
Rated continuous current (A)	630	1250	630	1250	2000	630	1250
Rated frequency (Hz)	50/60						
Rated lightning impulse withstand voltage (kV)(peak)	110	110	150	150	150	200	200
Rated power frequency withstand voltage, 1 min. dry (kV)(r.m.s.)	50	50	70	70	70	95	95
Rated power frequency withstand voltage, 10 sec. wet (kV)(r.m.s.)	45	45	60	60	60	80	80
Rated peak withstand current (kA)	68	103.8	68	103.8	125	68	103.8
Rated Short-Time withstand current (kA)(r.m.s.)	25	38.3	25	38.3	46	25	38.3
Weight (kg)	24	35	40	45	50	53	56