

N 新型带扣高压熔丝、普通带扣高压熔丝、无扣普通高压熔丝
New-type fuse lind with button,commontype fuse link with button common type fuse link without button

◆ 新型带扣高压熔丝



□采用新型熔体“K”型熔丝化速率为6-8，“T”型熔化速率10-13，属国家能源部推广产品，广泛应用于RW10、RWII、RW20、PRWGI、PRWG2型等跌落式熔断器。

□The new type fuse link with button: The product is made of “k” type fuse link with 6-8 melting speed, and “T” type with 10-13 melting speed, these two types fuse link are popularized by National Resource Department and are widely applied to RW10, RWII, RW20, PRWG1, PRWG2 type and so on drop-off cutout fuse.

◆ 普通带扣高压熔丝



□采用传统的银铜合金，其熔化速率为10-13，此产品适用于RW10、RWII、RWI3、RW20、PRWGI、PRWG 2 等跌落式熔断器。

□The general fuse link with button: The product is made of traditional silver and copper alloy,and its melting rate is 10-13. It applies to Rwl0, RWII, RWI3, RW20, PRWG, PRWG2 and so on drop-off type fuse.

◆ 无扣普通高压熔丝



□采用传统的银铜合金，其熔化速率为10-13,此产品适用于RWI-10,RW3、RW4、RW5、RW7等跌落式熔断器。

□The general fuse link : The product is made of tradtional silver and copper alloy,and its melting rateiS 10-13. The product applies to RW1-10, RW3, RW4, RW5, Rw7 and so ondrop-off type fuse.

N 带扣高压熔丝、封闭式熔断器高压熔丝、高压电容器专用熔断器熔丝 **meba**
With-trip wire, enclosed fuses high-voltage fuse wire, high-voltage condenser's pecial fuse wire

◆ 封闭式高压熔断器高压熔丝



□采用新型熔体“K”“T”型，此产品适用于FXRWT-12KV跌落式熔断器及电网中的电力设备及线路的短路和过载保护。

◆ 新型带扣高压熔丝



□采用新型熔体“K”“T”型熔丝熔化速率为10-13，此产品适用于RW6-66KV、RW5-35KV跌落式熔断器上。

□The new type fuse “T” type, and its melting rate is 10-13, it applies to RW6-66KV, RW5-35KV on drop-off typefuse.

◆ 高压电容器专用高压熔丝



□BRI、BR2、BRW、BRN、BRW2、BR、BR8W、RNG、BR2W、RW型熔断器供10KV及以下的电力系统中以星形连接的电容器组合单台电容器的内部故障保护之用。能可靠、迅速地断开故障电容器。从而避免因电容器内部由元件击穿而可能引起的爆炸事故，使电网继续安全运行。

□ The special fuse for high voltage capacitor: BRI, BR2, BRW, BRN, BRW2, BR, RN,RNYI, RNG and RW type fuse is used as internal fault protection for single capacitor of star connection capacitor combination in 10KVand less power system, the product and disconnect the fault capacitor reliabey and quickly so as to avoi dexplosion accident as result of component break down inside the capacitor to ensure that the power net operates continuously and safely.

“KB、KU、KS” 型熔丝 (FUSE LINK) 出口型高压熔丝

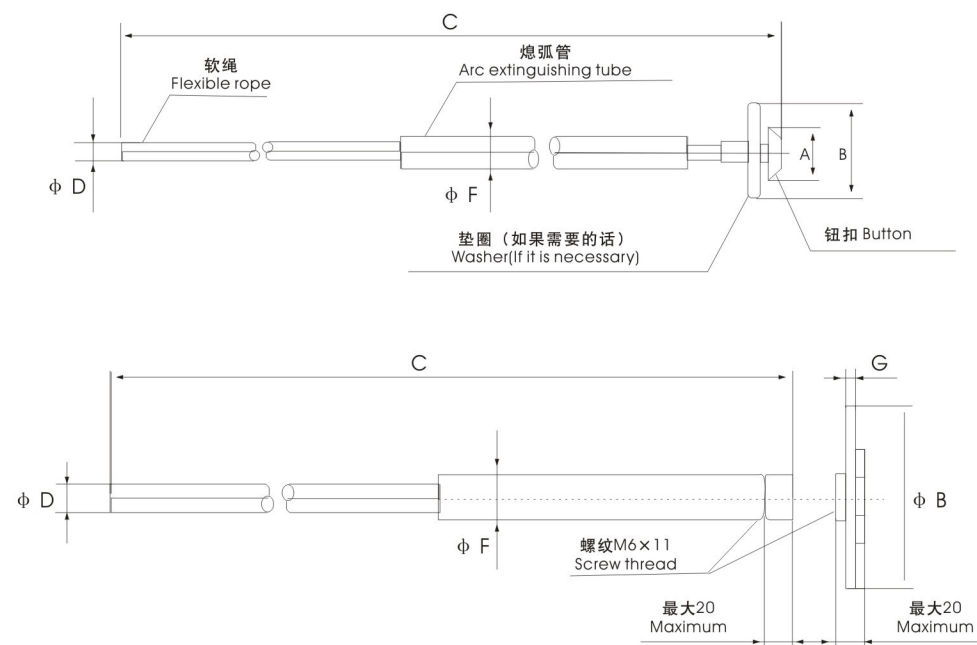
“KB, KU, KS” Type of fuse wire (fuse link) (ABB型高压熔丝)

□属“K”、“T”、“H”型熔丝根据IEC-282标准，有普通式、万能式、螺纹式三种类型。此产品适用于11-36KV电压等级跌落式熔断器。“KB、KU、KS”型。

□“KB, KU, KS” type fuses belong to “K” and “T” “H” type fuse, it has general type, universal type and screw type available according to IEC-282 standard. They are suitable for dropoff fuse cut out with rated voltage 11-36kv.



图 B.1a 钮扣型 Fig.B.1a. Button type



额定电流 Rated current (A)	尺寸 Dimension (mm)					数量/箱 Quantity/Carton	
	A	B	C	D	F		
1至 (to)25	12.5-0.2	19.0-0.2	注 Note 1	2.0	8.0	500	
30至 (to)40				3.0	8.0		
50至 (to)75	19.0-0.2	不适用 Not applicable		4.0	10.0	250	
100至 (to)120				5.0	10.0	250	
140至 (to)200				7.0	12.0	250	

高压熔丝技术参数

Technical Specification for High Voltage Fuse Link



◆电流额定值

熔化速率 Melting Speed	电流范围 (A) Current Range
K	1-200
T	1-200
H	1-200

◆高压熔断结构 Structure

A. 可卸式圆头螺钉----可与加长连接杆配合使用
Removable button head, which can be cooperated with arc-shortening rod.

B. 熔丝元件----低熔点合金熔体，温度低，不易烧坏灭弧管
Fuse element: eutectic alloy which can be melted at low temperature to avoid the burning of arc-extinguishing tube

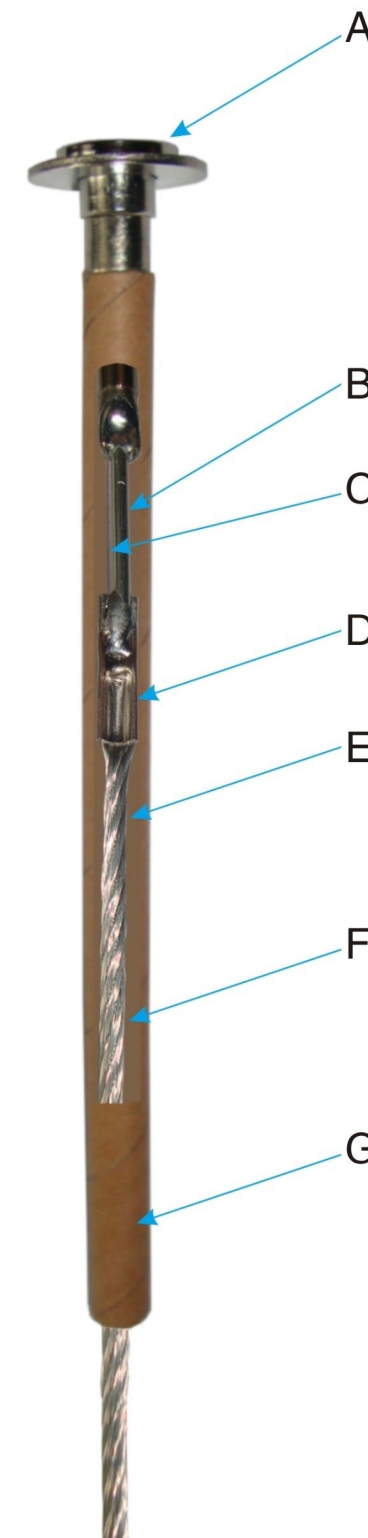
C. 高强度拉紧丝----承受熔断器弹簧板的张力和外部拉力
High strength strain wire, which can withstand the tensile strength from fuse cutout flipper and outside pulling strength.

D. 挤压连接的端子----保证元件连接可靠，不易损坏
Swaged connected end, guarantees the reliable connection of elements and are not easily damaged

E. 挤压的绞线段----在熔断器熔断期间，防止绞线向外张开，确保绞线从熔管内抽出
Swaged cable section prevents splaying of strands of cable, to ensure the cable's smooth withdrawal from tube during the melting of fuselink.

F. 镀锡纯铜软绞线----防腐蚀、其直径尺寸可防电晕
Tinned Copper stranded cable, resists corrosion, its cable diameter can resist corona

G. 辅助灭弧管----提高开断小故障电流的能力，具有独特的切断全范围故障的功能
Auxiliary arc-extinguishing tube, improves the capability of interrupting low fault current, and has the special ability to interrupt full range fault.



◆ 高压熔丝特点 Features

● 精确地时间-电流特性

Accurate time-current characteristics

其熔丝元件采用精密检测的高纯度银、银铜低熔点合金及镍-铬合金（视额定电流值而定）材料，用精密模具抽丝，其横切面用激光微米计检查精度，同时精心装配，保证不会产生影响时间-电流特性精确度的裂缝、收缩和扭结等现象。
The fuse element adopts the accurately tested material, high purity silver, or silver-copper eutectic or nickel-chrome eutectic, based on different rated current. The fuse element wire is extruded by mold of high accuracy. The cross section is inspected by laser micrometer to ensure the accuracy, while careful assembly guarantees no crack, shrinkage or twist which affects the time-current accuracy.

● 不易损坏

Durability

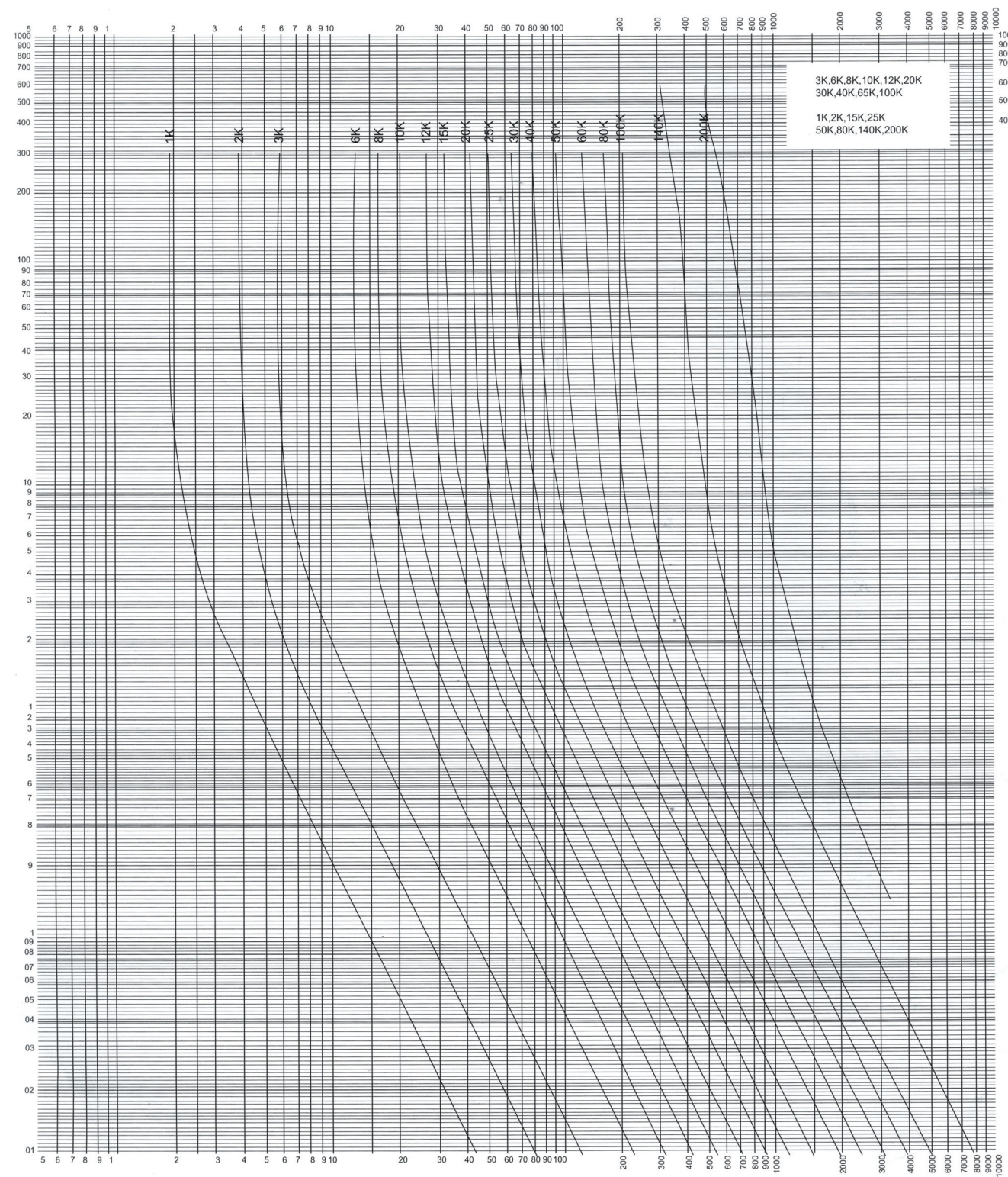
挤压连接的端子及高强度的拉紧丝，使熔丝不受老化、振动、大电流冲击（使元件发热到接近断裂点）的影响，当三相回路中的一相或二相熔丝熔化动作时，只需要更换熔化了了的熔丝，无需三相同时更换。
Swaged connected end and high strength strain wire make the fuse link not affected by aging, vibration, or high current impulse which may heat the fuse element nearly to the severing point. When the fuse link in the 1st phase or 2nd phase operates in a three phase circuit, only the melted fuse link needs to be replaced, and no need to replace all the fuse links in the circuit.

● 优异的故障断开能力

Good fault interrupting capability

能可靠切断变压器一、二次侧内部故障、变压器二次侧套管间的短路故障和变压器二次套管到空气开关之间导线的短路故障，有效保护变压器。
Can reliably interrupt the inside fault at first side and secondary side of transformer, short-circuit fault of bushing at secondary side of transformer bushing, and short-circuit fault between transformer bushing at transformer secondary side and air switch, so as to protect transformer effectively.

◆ 熔丝安-秒特性曲线



◆熔丝安·秒特性曲线

Current in amperes (A)

