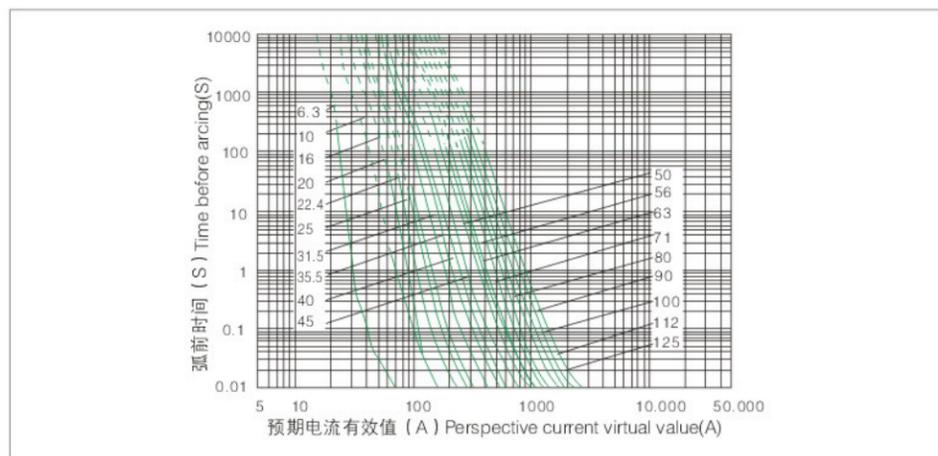
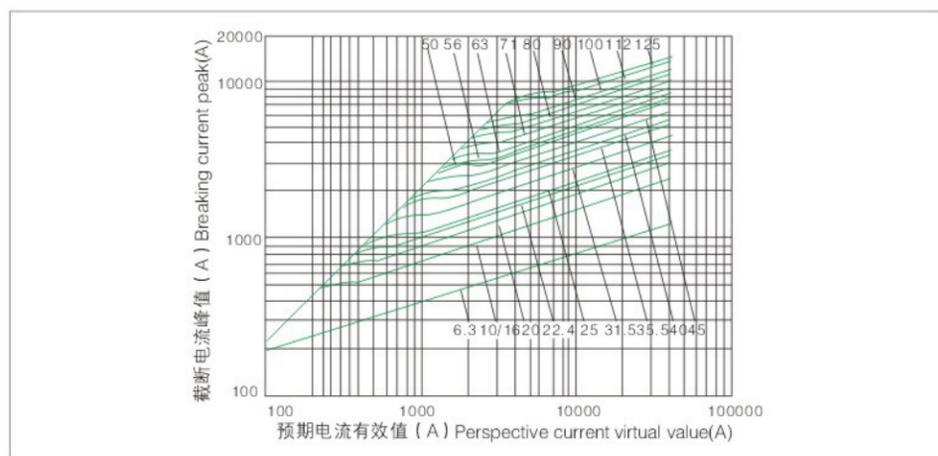


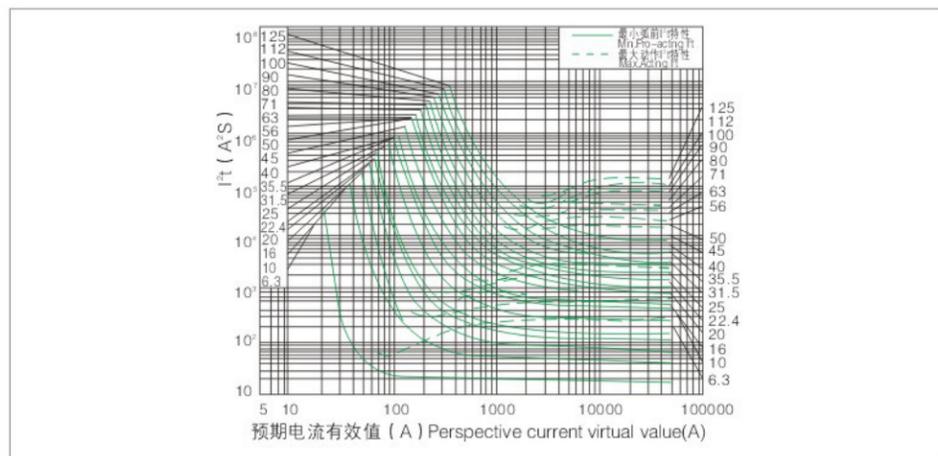
特性曲线 Characteristics Curve



A/B型12KV熔断件时间-电流特性 Time-current characteristics of fuse link type A/B



A/B型12KV熔断件截断电流特性 Breaking-current characteristics of fuse link type A/B



A/B型12KV熔断件I².t特性I².t characteristics of fuse link type A/B

W型电动机保护用高分断能力高压限流熔断器
 H.V HRC current-limiting fuses type W for motor protection

用途 Applications

W型电动机保护用高分断能力高压限流熔断器适用于交流50Hz、额定电压3.6~10KV、额定电流400A (3.6KV)、224A (7.2KV) 及以下的电力系统中，作为高压电动机及其他电力设备的过载或短路保护用；也可与负荷开关、真空接触器等配合使用。

本高压熔断器符合国家GB15166.2标准和国际电工委IEC60282-1标准以及英国BS标准。

H.V HRC current-limiting fuses type W for motor protection is mainly used in AC 50Hz, rated voltage 3.6~10kV, rated current up to 400A(3.6kV), 224A(7.2kV) circuit for protecting motor and power equipment from overload and short-circuit. It can also be used with load switch, vacuum contact

It conforms to IEC60282-1, BS and GB15166.2.

结构特点 Design Features

W型高压熔断器采用插入式和母线式两种结构。具有安装体积小、接触可靠和更换方便的特点；火药式撞击器并联于由纯银片制成并旋绕的熔体，与经化学处理过的高纯度石英砂一起密封于熔管内；熔管采用耐高温的高强度氧化铝瓷制成。在线路发生故障时，熔体熔化，在熔体出现电弧瞬间，撞击器的与熔体并联的高电阻金属丝立即熔断，点燃火药产生高气压将撞击器迅速弹出，推动连锁电器触头，自动切换电路或发出熔断讯号。本高压熔断器具有耐震动、分断能力高、动作快、保护特性好等优点。

W type H.V HRC current-limiting fuses has two installation:bus-bar installation and insert installation.It is small in volume, reliable in connection. The power striker parallels to the fuse element made from pure silver.They are sealed in the fuse tube filled with chemically treated high-purity quartz sand. The fuse tube is made from heat resistant,high duty ceramic or epoxy glass.When fault circuit happens,the fuse link melts, the high-resistant metal wire paralleling to fuse links melts immediately at the appearance of the arc, and the striker jumps out to push the chained equipment contact,signaling the melting or automatically cutting the circuit.W type H.V HRC current-limiting fuses has many merits as high current-limiting ability,high breaking capacity,quick and punctual in action, reliable in performance.

型号含义 Mode And Implication

国外型号 Cross-reference:



部颁型号 Department Model:



基本数据 Basic Data

序号 No.	型号 Models		额定电压 Rated voltage (KV)	熔体额定电流 Rated current of the fuse links (A)	额定开断电流 Rated breaking current (KA)	外形尺寸 (mm) (见图1.3~1.4) Dimensions(mm)(See fig.1.3~1.4)		重量 Weight (Kg)
	国外 Foreign	部颁 Department				ΦD	L	
G0030	WDF.O	XRNM1	3.6	50,63,80,100,125	50	51	254	1.4
G0031	WFF.O	XRNM1	3.6	125,160,200	50	76	254	2.8
G0032	WKF.O	XRNM1	3.6	250,315,355,400	50	76	254	2.8
G0033	WFN.O	XRNM1	7.2	25,31.5,40,50,63,80,100,125,160	40	76	403	4.15
G0034	WKN.O	XRNM1	7.2	200,224	40	76	403	4.15
G0035		XRNM1	10	25,31.5,40,50,63,80,100,125,160,200,224	40	76	600	5.26

注：在规定的条件下，熔断器最小开断电流为熔断器额定电流的2.5~3倍。

7.2KV>224A为双管
 3.6KV>400A为双管

Notes: Under stipulated condition, min. breaking current of fuses could be as high as 2.5~3 times than rated current.

7.2KV fuse link of 224A or above have a dual-tube body
 3.6KV fuse link of 400A or above have a dual-tube body

