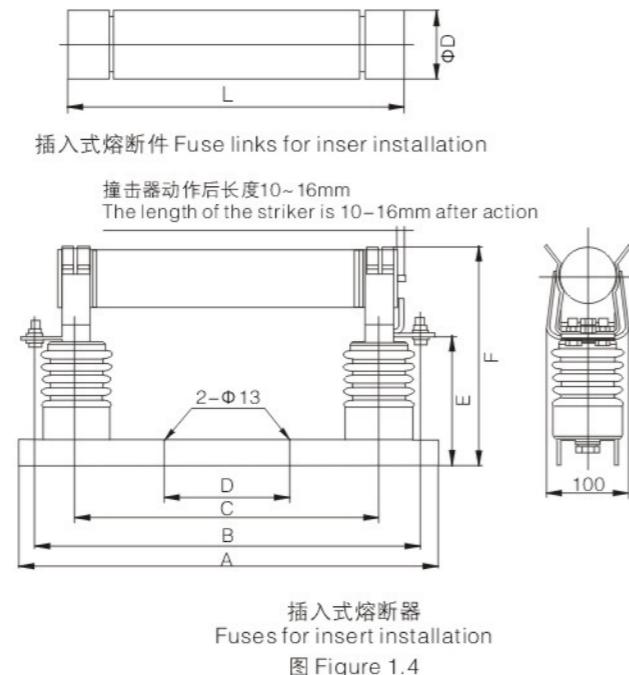
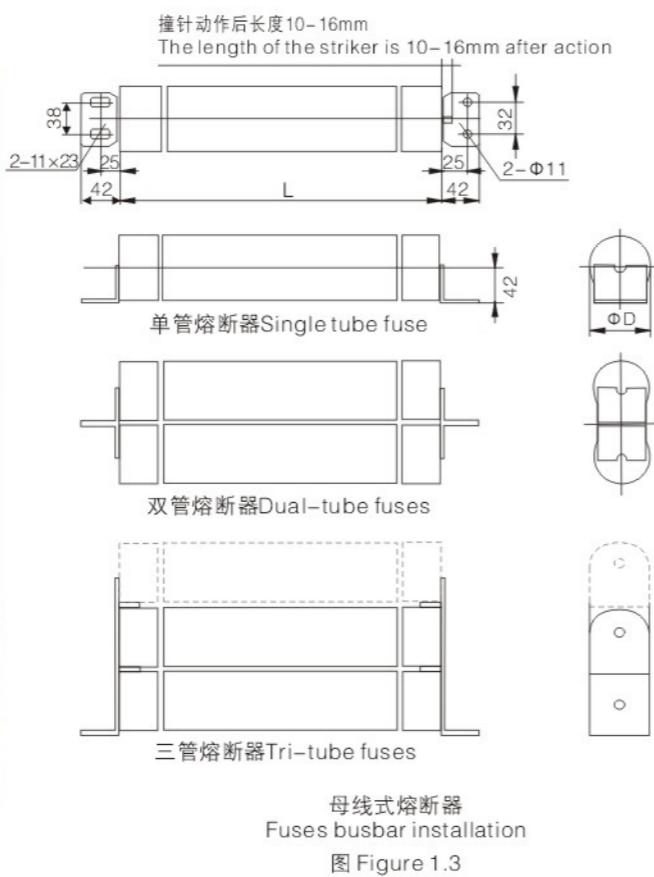




高压熔断器 High Voltage Fuse

外形及安装尺寸 Dimensions



高压熔断器 High Voltage Fuse

W型电动机保护用插入式熔断器外形尺寸 (mm)
Dimension of motor protection fuse type W for busbar installation (mm)

序号 No.	尺寸 Dimensions 型号 Model	代号 Code	A	B	C	D	E	F
			A	B	C	D	E	F
G0036	WFF.O		390	312	209	340	140	246
G0037	WKF.O		390	312	209	340	140	246
G0038	WFN.O		500	461	358	150	160	266
G0039	WKN.O		500	461	358	150	160	266
G0040	XRN1		690	659	555	350	160	266

W型电动机保护用限流熔断器的选择 Selection for W type motor current-limiting fuse

在全电压启动时, 熔断器的额定电流≈电动机满载电流的2倍; 在其它方式启动时, 熔断器的额定电流≈电动机满载电流的1.5倍。
用于直接启动的电动机其熔断器额定电流的选择按下列公式选择:

When started with full voltage, Rated current ≈ twice of loaded motor current; When started under other circumstances, rated current ≈ 1.5 times of loaded motor current. For directly started motor, fuses of proper rated current should be selected according to the following formula;

$$I_y = N \cdot I_n \cdot \Phi$$

式中: I_y —— 在启动时间内的电流值 starting current

N —— 启动电流与满载电流之比, 通常 $N \approx 6$. Ratio of starting current and loaded current, usually $N \approx 6$

I_n —— 电动机满载电流 loaded motor current

Φ —— 综合系数, 按下列表选取 comprehensive coefficient, see the table below

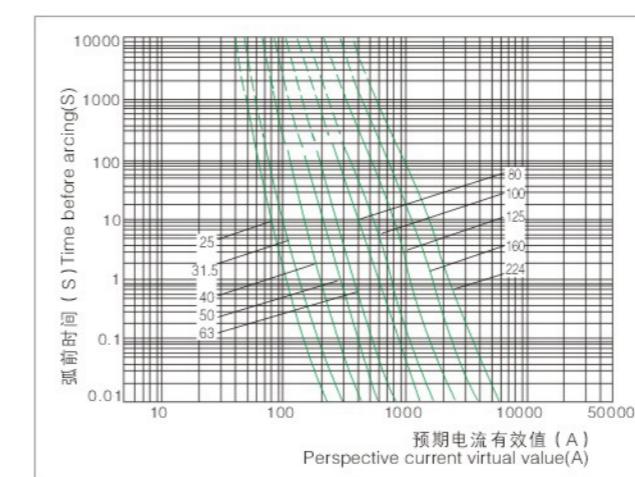
①综合系数值 comprehensive coefficient

每小时启动次数 Start times	2	4	8	16
Φ	1.7	1.9	2.1	2.3

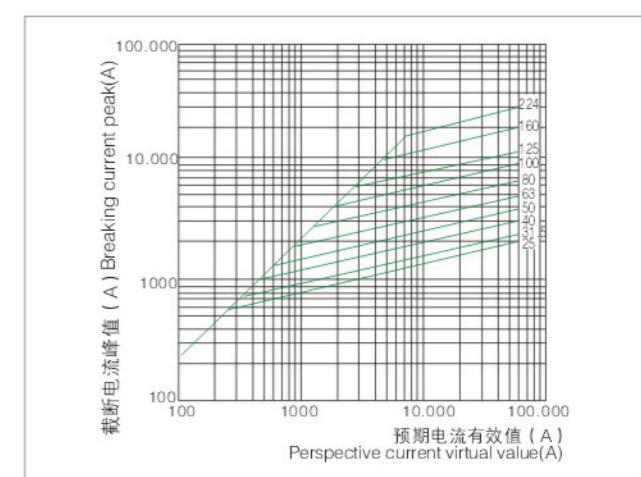
将启动时间对应的 I_y 值的点绘制在时间-电流特性曲线上, 点对应的曲线或靠近这一点右边的曲线即是所选用的熔断器, 熔断器额定电流应该大于1.3倍电动机的满载电流。

Refer to time-current characteristic diagram for selection of proper H.V.fuse link. Rated current of fuse link should be 1.3 times than loaded motor current.

特性曲线 Characteristics Curve



XRN1型10KV熔断件时间-电流特性
Time-current characteristics of 10KV fuse links type XRN1



XRN1型10KV熔断件截断电流特性
Cut-off current characteristics of 10KV fuse links type XRN1