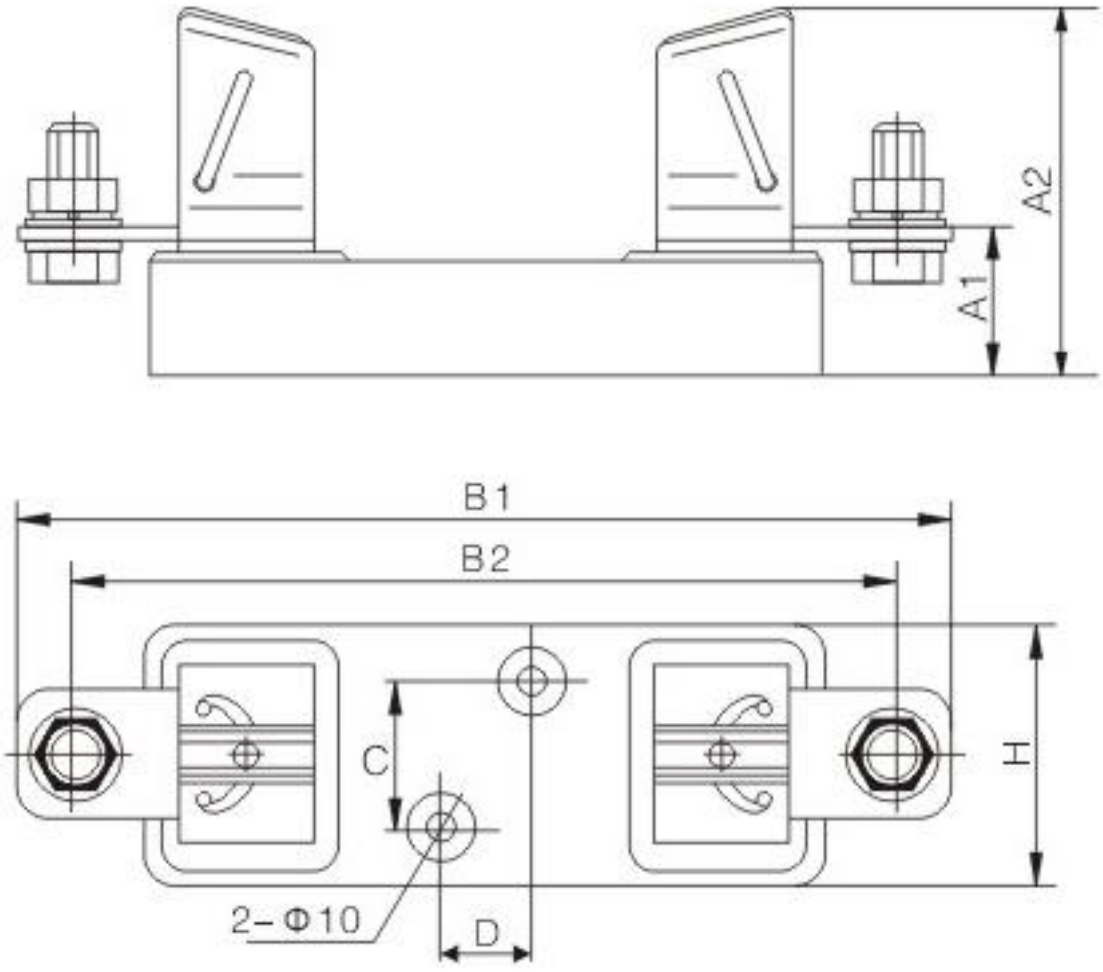
序号 No.	底座型号 Bases models	可配装熔断体型号.尺码 Matching fuse links	额定绝缘电压(V) Rated insulation voltage	约定发热电流(A) Conventional free air thermal current	外型尺寸(mm) Outline dimension(mm)								重量(g) Weight
					图号 Fig.	A1	A2	B1	B2	C	D	H	
D0160	RT0-100	RT0-100	400	100	10.13	32	73	177	160	30	20	55	545
D0161	RT0-200	RT0-200	400	200	10.13	32	83	198	175	30	20	60	760
D0162	RT0-400	RT0-400	400	400	10.13	32	95	215	190	30	20	70	1065



用途 Applications

本系列熔断器底座适用于交流50Hz，额定绝缘电压至690V，约定发热电流至1000A，为在电气线路中作过载和短路保护之用的熔断体的支持件（座）。熔断器底座具有耐受约定发热电流及预期短路冲击电流至120KA动/热稳定的能力。

This series of fuse bases are used in AC50Hz,rated insulate voltage up to 690V, conventional free air thermal current up to 1250A and is used as supporter(bases)of fuse links for protecting from overload and short-circuit in electric circuit. Fuse base agreement with the heat tolerance of short-circuit current and expected impact of current up to 120KA/thermal stability

结构特点 Design Features

底座采用高强度陶瓷制成，具有足够好的绝缘性能，其敞开式结构具有良好的散热条件、机械强度高，操作方便，外形结构及安装尺寸均符合IEC60269、VDE0636、GB13539标准要求。

The base adopts high strength ceramic and possesses well enough insulation performance. The open structure is featured with good heat radiating,high mechanical density and simple operation.The outline structure and installation dimension conform to IEC60269,VDE0636 andGB13539.

基本数据 Basic Data

熔断体型号、外形尺寸、额定绝缘电压、约定发热电流见图10.1~10.15及表10。

The model,outline dimension,rated insulate voltage and conventional free air thermal current are shown in Figures 10.1~10.15 and Table 10.

熔断体设置在电路中主要功能是当电路发生故障时能安全可靠地切断，从而为各分立元器件或整个电路提供保护。以下为用户提供选择熔断体时需要考虑的有关条件。

The purpose of using fuses is to cut off the line safely and correctly to protect discrete components or the whole line in case of circuit errors.The following to show the necessary conditions to be considered when selecting fuses.

正常工作条件和安装条件 Usual Service Conditions And Installation Conditions

周围空气温度：-5℃~+40℃

海拔高度：不超过2000m

大气条件：湿度：安装地点的空气相对湿度在最高温度+40℃的不超过50%；在较低的温度下可允许有较高相对湿度，最湿月的月平均最低温度不超过+25℃，该月的月平均最大相对湿度不超过90%。由于湿度变化发生在产品上的凝露情况必须采取措施。

污染等级：三级

安装类别：Ⅱ类

Ambient temperature:-5℃-+40℃

Height above sea level:not more than 2000m

Atmospheric condition:humidity:the installation site's relative air humidity does not exceed 50%while the maximum temperature is +40℃,and it can allow to have higher relative humidity under lower temperature. The average temperature does not exceed+25℃ while in the wettest month ,and the maximum relative humidity does not exceed 90% in this month.We must take measures when there is condensation on the products which due to the changed temperature.

Class of pollution:third class

Sort of installation: Ⅱ

环境温度 Ambient Temperature

指直接环绕熔断体周围的空气温度，不应与室温相混淆。在许多实用场合，熔断体的温度相当高，这是丢为熔断体是配置在不同结构的支持件/底座中以及整个熔断器又是封闭在配电/控制柜中。

Ambient temperature means the air temperature directly around the fuse. and should not be understood as the room temperature. In many application cases. The fuses are at rather high temperature as they are installed with supporting devices or bases in different structures and they are closed in the distributing or controlling boxes.

降容使用 Derating

在20℃环境温度下，我们推荐熔断体的实际工作电流不应超过额定电流值。选用熔断体时应考虑到环境及工作条件，如封闭程度、空气流动、连接电缆尺寸（长度、截面）、瞬时峰值电流等方面的变化；熔断体的电流承载能力实验是在20℃环境温度下进行，实际使用时受环境温度变化的影响。环境温度越高，熔断体的工作温度就越高，其寿命就越短，相反，在较低的温度下运行将延长熔断体的寿命。

下图表示环境温度对电流承载能力影响的典型曲线。

We recommend that the actual working current of a fuse should not exceed its rated current under the ambient temperature of 20℃ While selecting the fuses,environment and working conditions should be considered.Such as the variation of situation of closing, air flow,wire sizes(length and section)and instantaneous peak value current etc.The current load capability of fuse links are tested under the ambient temperature of 20℃.However the actual load capability is affected by the ambient temperature.The higher the ambient temperature,the higher the working temperature and the shorter the service life of a fuse will be.On the other hand,the service life of a fuse can be longer when working under a lower ambient temperature.

The following is the typical curve showing the affection to the current load capability by the ambient temperature.

熔断体支持件（熔断器座） Fuse Supporter(Fuse Base)

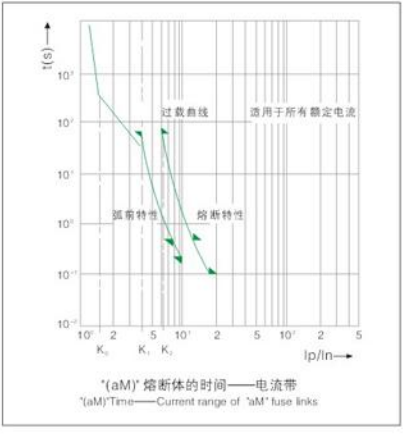
在许多实用场合，熔断体安装在熔断体支持件/底座上，它们不能当作开关使用，不是用来接通或切断负荷的。

In many application cases,fuse links are installed on fuse supporters/fuse bases. They are not to be used as switches for connection and disconnection of the load.

选择熔断体应考虑的诸因素 Factors To Be Considered For Selection Of Fuse Links

1.正常工作电流;
2.工作电压;
3.环境温度;
4.过载电流与熔断体必须熔断的时间
5.可能出现的故障电流;
6.脉冲、冲击电流、浪涌电流、起动电流和电路过程瞬变值;
7.结构尺寸、接线方式、目测指示（熔断与否）等。

1.Normal working current
2.Working voltage
3.Ambient temperature
4.Overload current and cutout time
5.Possible malfunction current
6.Impulse current,surge current,starting current and transient value of the line
7.Size and dimensions,connection methods,indicators,etc.



"(aM)" 熔断体的时间——电流带
"(aM)"Time——Current range of "aM" fuse links

电动机短路保护（aM）用熔断体

"aM"熔断体的门限 Gate limit of "aM"type fuse links:

Ip(In)	4	6.3	8	10	12.5	19
t熔断≤ (s)	–	60	–	–	0.5	0.10
t弧前≥ (s)	60	–	0.5	0.2	–	–

注：Ip--预期电流 In--熔断体额定电流
Note:Ip-Perspective current In-Rate current of fuse link

熔断体支持件（熔断器座） Fuse Supporter(Fuse Base)

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5.可能出现的故障电流;
6.脉冲、冲击电流、浪涌电流、起动电流和电路过程瞬变值;
7.结构尺寸、接线方式、目测指示（熔断与否）等。

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2.Working voltage
3.Ambient temperature
4.Overload current and cutout time
5.Possible malfunction current
6.Impulse current,surge current,starting current and transient value of the line
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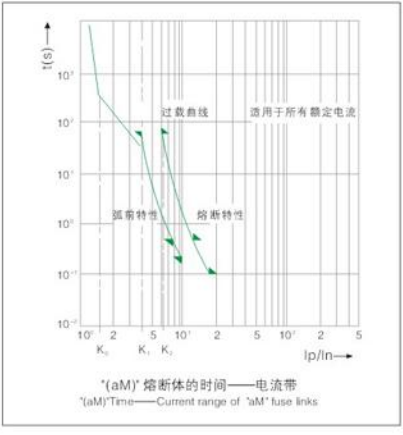

"(aM)" 熔断体的时间——电流带
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