

**Version 1.0**

电动汽车应用系列  
EV APPLICATIONS

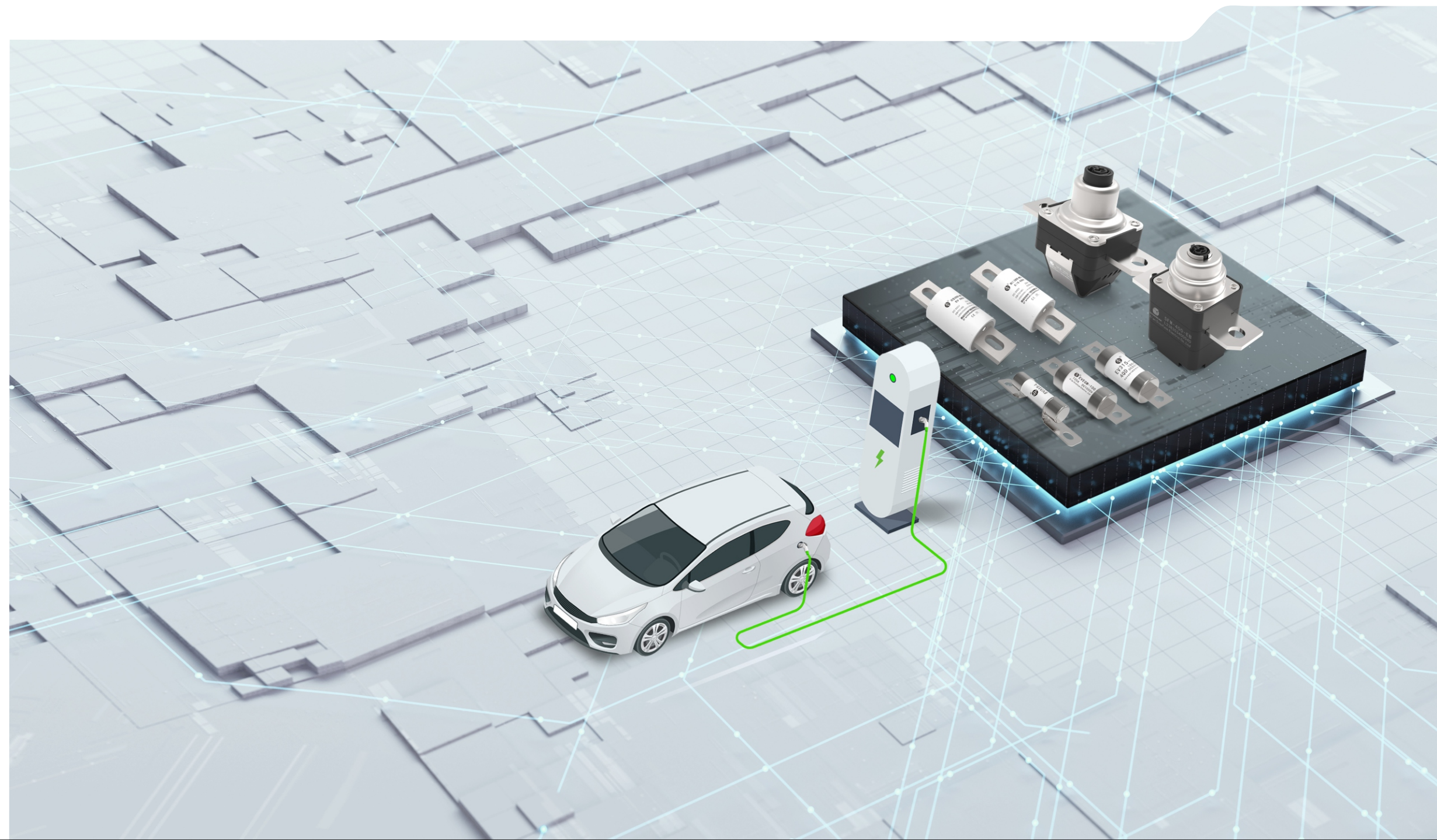
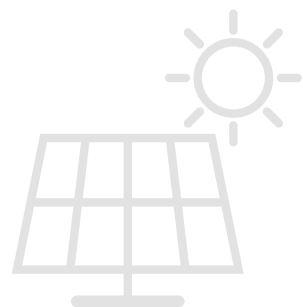
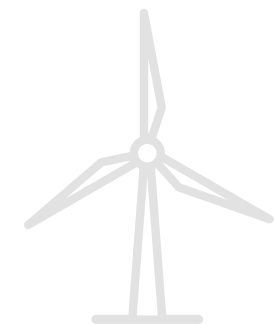


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## FUSE PRODUCT GUIDE

# 熔断器产品手册



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注：本选型样册参数仅供参考，最新技术参数详情请咨询我司。

Note: The data sheet is for reference, for any latest version please consult Sinofuse.

# 公司简介

## COMPANY PROFILE

### 西安中熔电气股份有限公司

西安中熔电气股份有限公司（股票代码：301031），自2007年4月成立以来，深耕新能源风光发电及储能、新能源汽车、通信、轨道交通等领域十余年，以电路保护器、熔断器以及相关配辅件的研发、生产及销售为主，致力成为能量保护系统集成解决方案供应商，为整个人类的能量转换活动的安全运行提供保障。

作为国家高新技术企业，中熔电气始终以服务国家战略新兴产业为己任，组建了一支研发经验丰富、自主创新能力强劲的专业研发队伍，参与起草多项国家和行业标准，并拥有214项国际专利，在国内占据领先地位。

### Xi'an Sinofuse Electric Co., Ltd.

Established in April 2007(stock code 301031), Xi'an Sinofuse Electric Co., Ltd has deeply involved in the fields of new energy wind solar and energy storage, NEVs, telecom, rail etc. for more than ten years, mainly dedicated to R&D, production and sales of circuit protection devices, fuses and related accessories. Strive to be an integrated solution supplier of energy protection systems for the safe operation of the entire human energy conversion activities.

As a national high-tech enterprise, Sinofuse has always been committed to serving the national strategic emerging industries. Build a professional R&D team with rich experience and strong independent innovation ability. It has participated in drafting many national and industrial standards, and with 214 international patents certified till now occupies a leading position in China.

### TOP

在国内新能源汽车用熔断器市场份额领先。

It leads the domestic market share of fuses for new energy vehicles.

### 214

熔断器制造商中目前拥有的有效专利数量及近年专利授权数量均名列前茅。

Top the list of fuse manufacturers in terms of the quantity of issued patents and valid patents in recent years.

### 20+

为全球市场多个国家和地区客户提供服务。

Provide serices to customers in many countries and regions in the global market.





产品信息/General Information

- 额定电压 / Rated Voltage DC500V
- 额定电流 / Rated Current 10-50A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC20kA
- 时间常数 / Time Constant  $2 \pm 0.5\text{ms}$
- 参考标准 / Reference Standards JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



产品应用 / Applications

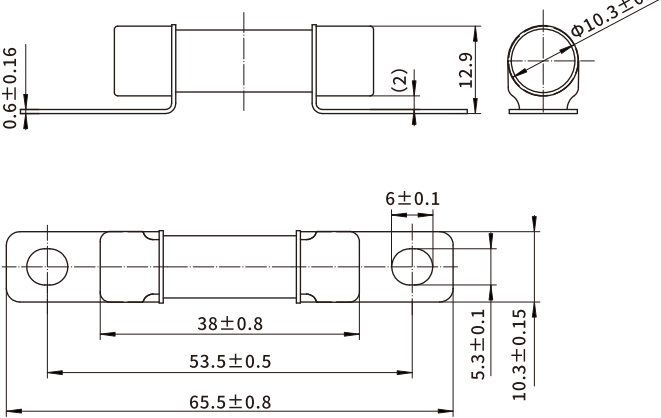


产品参数表/Product Parameter sheet

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)       |                | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting       |
|----|-------------------|--------------|-----------|-----------------|----------------|-----------------|-----------------|----------------------|
|    |                   |              |           | 弧前<br>Prearcing | 熔断<br>Clearing |                 |                 |                      |
| 1  | EV315-L-3EB10A    | L-3EB        | 10        | 19              | 64             | 2               | 12±1            | M5<br>4.5±1N·m       |
| 2  | EV315-L-3EB15A    |              | 15        | 47              | 144            | 3               |                 |                      |
| 3  | EV315-L-3EB20A    |              | 20        | 83              | 256            | 4               |                 |                      |
| 4  | EV315-L-3EB30A    |              | 30        | 333             | 1025           | 6               |                 |                      |
| 5  | EV315-L-3EB40A    |              | 40        | 748             | 2306           | 8               |                 |                      |
| 6  | EV315-L-3EB50A    |              | 50        | 1330            | 4100           | 10              |                 |                      |
| 7  | EV315-L-3E10A     | L-3E         | 10        | 19              | 64             | 2               | 12±1            | M5<br>4.5±1N·m       |
| 8  | EV315-L-3E15A     |              | 15        | 47              | 144            | 3               |                 |                      |
| 9  | EV315-L-3E20A     |              | 20        | 83              | 256            | 4               |                 |                      |
| 10 | EV315-L-3E30A     |              | 30        | 333             | 1025           | 6               |                 |                      |
| 11 | EV315-L-3E40A     |              | 40        | 748             | 2306           | 8               |                 |                      |
| 12 | EV315-L-3E50A     |              | 50        | 1330            | 4100           | 10              |                 |                      |
| 13 | EV315-C-3E10A     | C-3E         | 10        | 19              | 64             | 2               | 9.5±1           | 圆筒帽结构<br>Cylindrical |
| 14 | EV315-C-3E15A     |              | 15        | 47              | 144            | 3               |                 |                      |
| 15 | EV315-C-3E20A     |              | 20        | 83              | 256            | 4               |                 |                      |
| 16 | EV315-C-3E30A     |              | 30        | 333             | 1025           | 6               |                 |                      |
| 17 | EV315-C-3E40A     |              | 40        | 748             | 2306           | 8               |                 |                      |
| 18 | EV315-C-3E50A     |              | 50        | 1330            | 4100           | 10              |                 |                      |

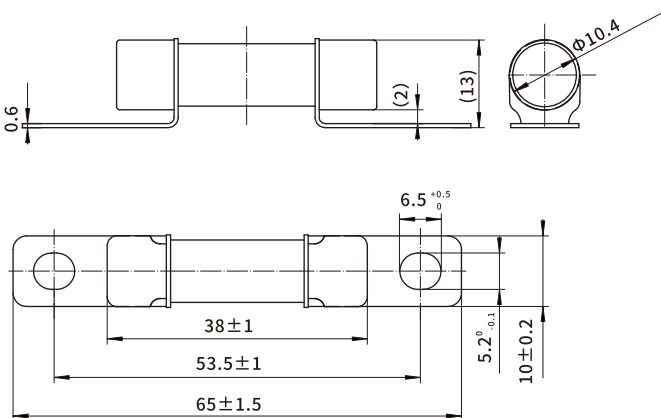
外形尺寸 / Dimensions(mm)

◎ EV315-L-3EB



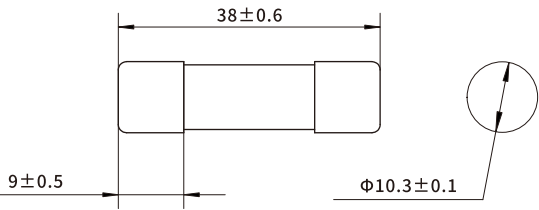
注：两触刀安装面平行度≤0.3  
Levelness of terminal blades not exceeding 0.3;

◎ EV315-L-3E



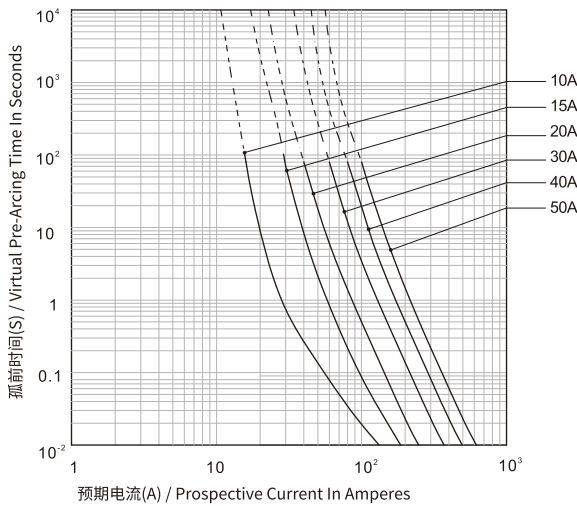
注：两触刀安装面平行度≤0.3  
Levelness of terminal blades not exceeding 0.3;

◎ EV315-C-3E



特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve





产品信息/General Information

○ 额定电压 / Rated Voltage

DC500V

○ 额定电流 / Rated Current

DC/AC500V(EV315-H-3EB)

○ 保护类别 / Utilization Category

EV

○ 分断能力 / Breaking Capacity

DC20kA

○ 时间常数 / Time Constant

2±0.5ms

○ 参考标准 / Reference Standards

JASO D622, ISO8820, GB/T31465

产品认证 / Certificates

RoHS

产品应用 / Applications

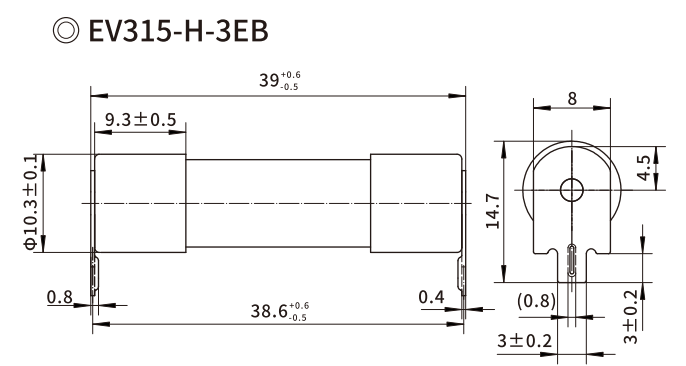


产品参数表/Product Parameter sheet

|   | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting               |
|---|-------------------|--------------|-----------|-------------|------------|-----------------|-----------------|------------------------------|
|   |                   |              |           | 弧前Prearcing | 熔断Clearing |                 |                 |                              |
| 1 | EV315-H-3EB10A    | H-3EB        | 10        | 19          | 64         | 2               | 10.3±1.5        | 单引脚插入式<br>Single pin plug-in |
| 2 | EV315-H-3EB15A    |              | 15        | 47          | 144        | 3               |                 |                              |
| 3 | EV315-H-3EB20A    |              | 20        | 83          | 256        | 4               |                 |                              |
| 4 | EV315-H-3EB30A    |              | 30        | 333         | 1025       | 6               |                 |                              |
| 5 | EV315-H-3EB40A    |              | 40        | 748         | 2306       | 8               |                 |                              |
| 6 | EV315-H-3EB50A    |              | 50        | 1330        | 4100       | 10              |                 |                              |
| 7 | EV315-H-3EC30A    | H-3EC        | 30        | 333         | 1025       | 6               |                 |                              |
| 8 | EV315-H-3EE20A    | H-3EE        | 20        | 83          | 256        | 4               |                 |                              |
| 9 | EV315-H-3EF50A    | H-3EF        | 50        | 1330        | 4100       | 10              |                 |                              |

外形尺寸 / Dimensions(mm)

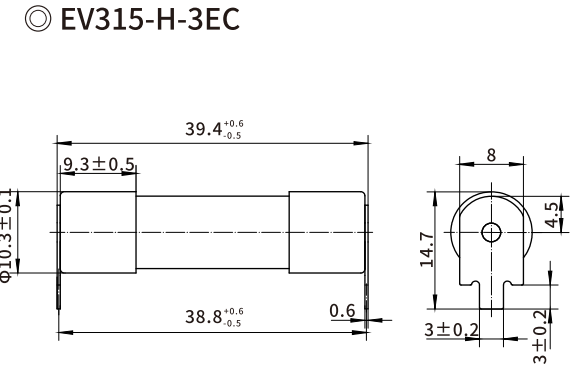
◎ EV315-H-3EB



注：两触刀安装面共面度≤0.4

Levelness of terminal blades not exceeding 0.4;

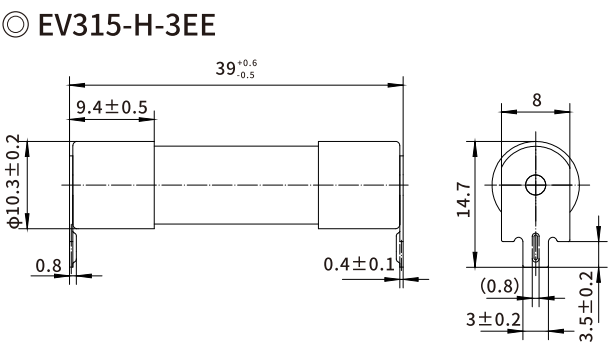
◎ EV315-H-3EC



注：两触刀安装面共面度≤0.4

Levelness of terminal blades not exceeding 0.4;

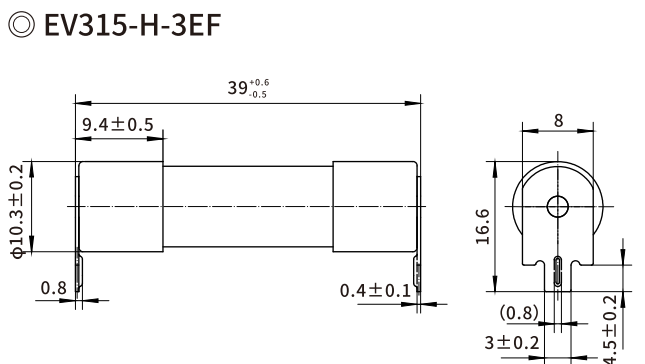
◎ EV315-H-3EE



注：两触刀安装面共面度≤0.4

Levelness of terminal blades not exceeding 0.4;

◎ EV315-H-3EF

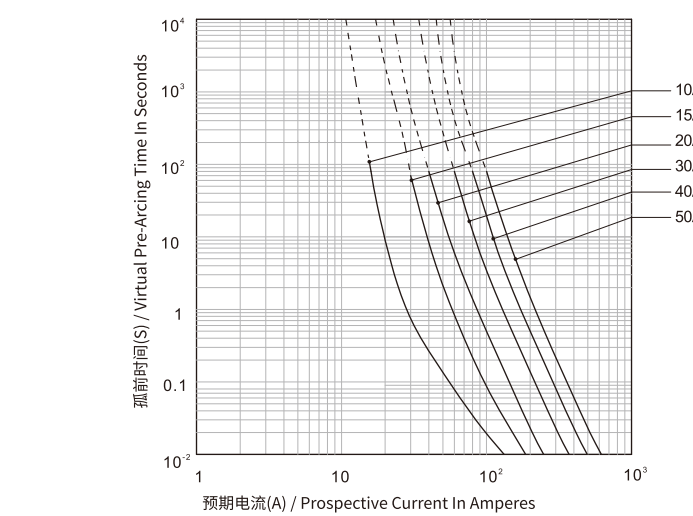


注：两触刀安装面共面度≤0.4

Levelness of terminal blades not exceeding 0.4;

特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve





产品信息/General Information

- 额定电压 / Rated Voltage DC500V
- 额定电流 / Rated Current 60-100A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC20kA
- 时间常数 / Time Constant  $2\pm0.5\text{ms}$
- 参考标准 / Reference Standards JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



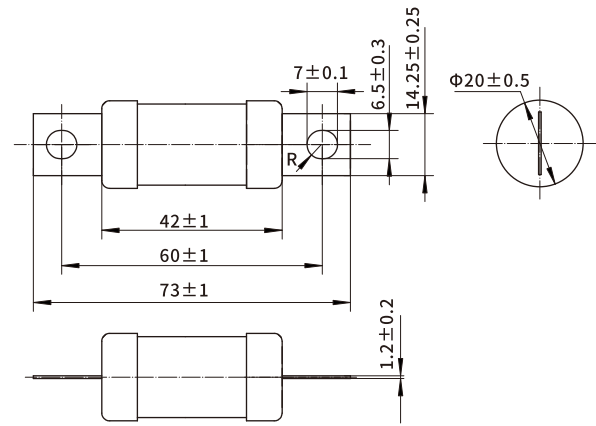
产品应用 / Applications



产品参数表/Product Parameter sheet

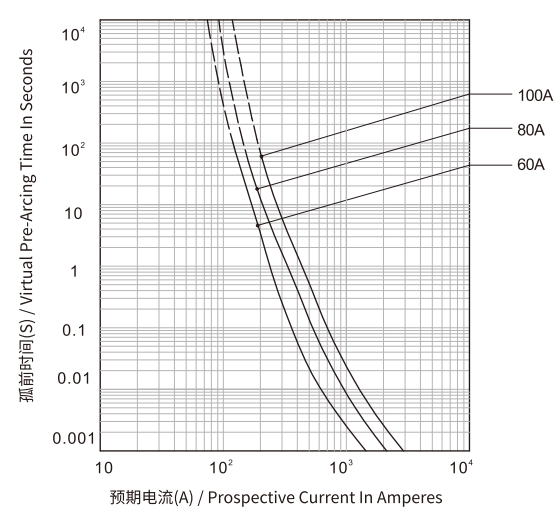
|   | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t(A²s)    |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|---|-------------------|--------------|-----------|-------------|------------|-----------------|-----------------|----------------|
|   |                   |              |           | 弧前Prearcing | 熔断Clearing |                 |                 |                |
| 1 | EV315-M-4QD60A    | 4QD          | 60        | 1806        | 4892       | 11              | 46.5±3          | M6<br>6±1N·m   |
| 2 | EV315-M-4QD80A    |              | 80        | 3571        | 9675       | 15.2            |                 |                |
| 3 | EV315-M-4QD100A   |              | 100       | 6350        | 17200      | 19              |                 |                |

外形尺寸 / Dimensions(mm)



注：两触刀安装面平行度 $\leq 0.5$   
Levelness of terminal blades not exceeding 0.5;

特性曲线 / Characteristic Curves



产品信息/General Information

- 额定电压 / Rated Voltage DC500V
- 额定电流 / Rated Current 100-350A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC20kA
- 时间常数 / Time Constant  $2\pm0.5\text{ms}$
- 参考标准 / Reference Standards JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



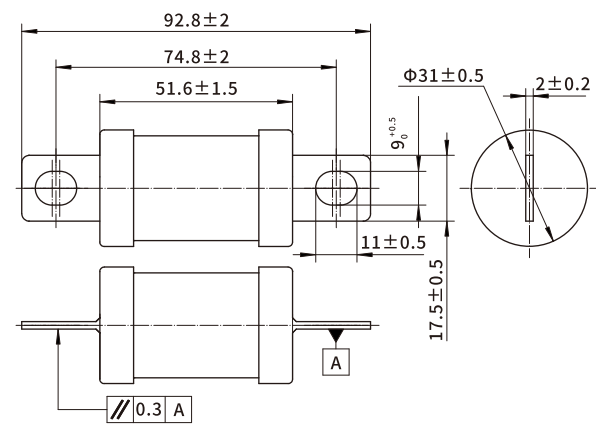
产品应用 / Applications



产品参数表/Product Parameter sheet

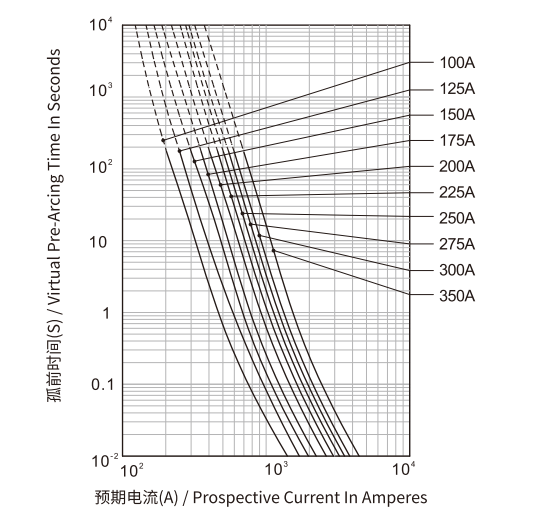
|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t(A²s)    |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|-------------------|--------------|-----------|-------------|------------|-----------------|-----------------|----------------|
|    |                   |              |           | 弧前Prearcing | 熔断Clearing |                 |                 |                |
| 1  | EV315-M-5M100A    | M-5M         | 100       | 1850        | 5482       | 19              | 132±5           | M8<br>12±1N·m  |
| 2  | EV315-M-5M125A    |              | 125       | 3058        | 9062       | 24              |                 |                |
| 3  | EV315-M-5M150A    |              | 150       | 4778        | 14159      | 28.5            |                 |                |
| 4  | EV315-M-5M175A    |              | 175       | 7399        | 21928      | 33.2            |                 |                |
| 5  | EV315-M-5M200A    |              | 200       | 11561       | 34262      | 38              |                 |                |
| 6  | EV315-M-5M225A    |              | 225       | 16648       | 49337      | 40.5            |                 |                |
| 7  | EV315-M-5M250A    |              | 250       | 22659       | 67153      | 45              |                 |                |
| 8  | EV315-M-5M275A    |              | 275       | 29596       | 87710      | 48              |                 |                |
| 9  | EV315-M-5M300A    |              | 300       | 38656       | 114560     | 50              |                 |                |
| 10 | EV315-M-5M350A    |              | 350       | 60400       | 179000     | 63              |                 |                |

外形尺寸 / Dimensions(mm)



注：两触刀安装面平行度 $\leq 0.3$   
Levelness of terminal blades not exceeding 0.3;

特性曲线 / Characteristic Curves





产品信息/General Information

- 额定电压 / Rated VoltageDC500V
- 额定电流 / Rated Current300-500A
- 保护类别 / Utilization CategoryEV
- 分断能力 / Breaking CapacityDC20kA
- 时间常数 / Time Constant2±0.5ms
- 参考标准 / Reference StandardsJASO D622, ISO8820, GB/T31465

产品认证 / Certificates



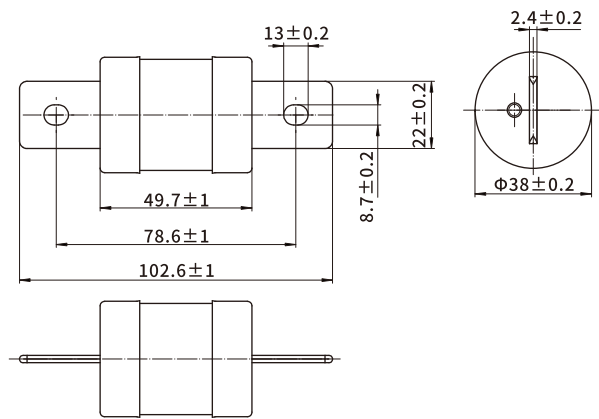
产品应用 / Applications



产品参数表/Product Parameter sheet

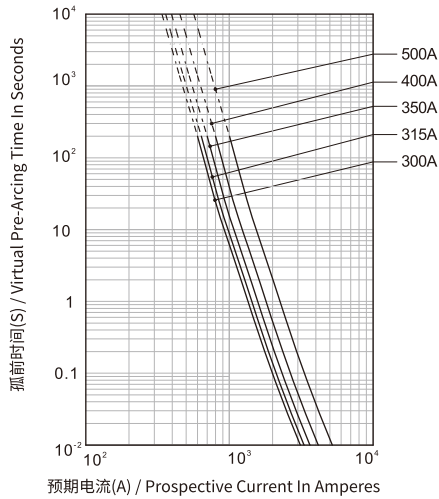
|   | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t(A²s)    |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|---|-------------------|--------------|-----------|-------------|------------|-----------------|-----------------|----------------|
|   |                   |              |           | 弧前Prearcing | 熔断Clearing |                 |                 |                |
| 1 | EV315-M-5N300A    | 5N           | 300       | 24525       | 89100      | 54              | 186±5           | M8<br>12±1N·m  |
| 2 | EV315-M-5N315A    |              | 315       | 28783       | 104569     | 56              |                 |                |
| 3 | EV315-M-5N350A    |              | 350       | 38320       | 139219     | 59.5            |                 |                |
| 4 | EV315-M-5N400A    |              | 400       | 55181       | 200475     | 68              |                 |                |
| 5 | EV315-M-5N500A    |              | 500       | 98100       | 356400     | 80              |                 |                |

外形尺寸 / Dimensions(mm)



注：两触刀安装面平行度≤0.3  
Levelness of terminal blades not exceeding 0.3;

特性曲线 / Characteristic Curves



产品信息/General Information

- 额定电压 / Rated VoltageDC70V或低于
- 额定电流 / Rated Current80-500A
- 保护类别 / Utilization CategoryEV
- 分断能力 / Breaking CapacityDC6kA
- 时间常数 / Time Constant2±0.5ms
- 参考标准 / Reference StandardsISO8820, GB/T31465

产品认证 / Certificates



产品应用 / Applications

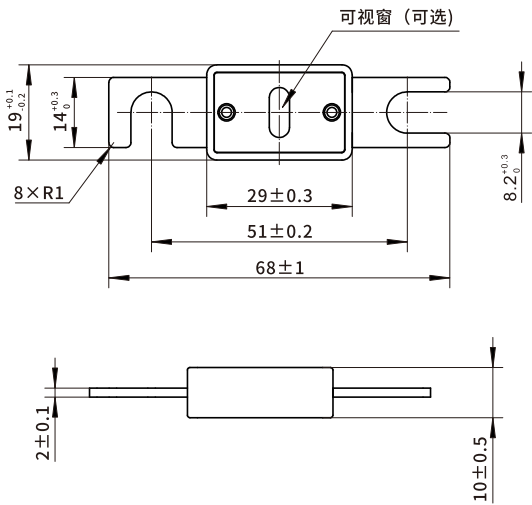


产品参数表/Product Parameter sheet

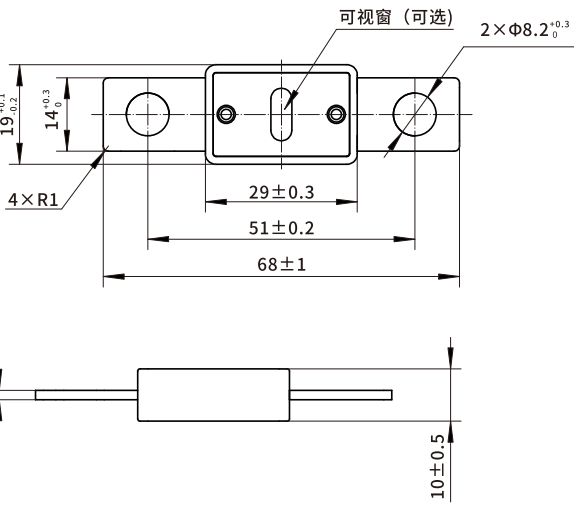
|    | 型号 Part Number |                 | 尺寸代码<br>Size | In<br>(A) | I²t(A²s)    |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|----------------|-----------------|--------------|-----------|-------------|------------|-----------------|-----------------|----------------|
|    | 带可视窗Visual     | 不带可视窗No Visual  |              |           | 弧前Prearcing | 熔断Clearing |                 |                 |                |
| 1  | EV320-5X-80A   | EV320-5X-80A-N  | 5X           | 80        | 7370        | 9050       | 16              | 14±2            | M8<br>12±1N.m  |
| 2  | EV320-5X-100A  | EV320-5X-100A-N |              | 100       | 13110       | 18250      | 18              |                 |                |
| 3  | EV320-5X-125A  | EV320-5X-125A-N |              | 125       | 21200       | 36950      | 20              |                 |                |
| 4  | EV320-5X-150A  | EV320-5X-150A-N |              | 150       | 31300       | 54500      | 22              |                 |                |
| 5  | EV320-5X-175A  | EV320-5X-175A-N |              | 175       | 47800       | 84900      | 25              |                 |                |
| 6  | EV320-5X-200A  | EV320-5X-200A-N |              | 200       | 70400       | 89300      | 30              |                 |                |
| 7  | EV320-5X-225A  | EV320-5X-225A-N |              | 225       | 107500      | 100600     | 30              |                 |                |
| 8  | EV320-5X-250A  | EV320-5X-250A-N |              | 250       | 140500      | 175400     | 32              |                 |                |
| 9  | EV320-5X-300A  | EV320-5X-300A-N |              | 300       | 125300      | 153600     | 35              |                 |                |
| 10 | EV320-5X-350A  | EV320-5X-350A-N |              | 350       | 195800      | 228800     | 38              |                 |                |
| 11 | EV320-5X-400A  | EV320-5X-400A-N |              | 400       | 298800      | 332700     | 40              |                 |                |
| 12 | EV320-5X-450A  | EV320-5X-450A-N |              | 450       | 430200      | 504050     | 42              |                 |                |
| 13 | EV320-5X-500A  | EV320-5X-500A-N |              | 500       | 562000      | 606000     | 45              |                 |                |
| 14 | EV320-5C-80A   | EV320-5C-80A-N  | 5C           | 80        | 7370        | 9050       | 16              | 14±2            | M8<br>12±1N.m  |
| 15 | EV320-5C-100A  | EV320-5C-100A-N |              | 100       | 13110       | 18250      | 18              |                 |                |
| 16 | EV320-5C-125A  | EV320-5C-125A-N |              | 125       | 21200       | 36950      | 20              |                 |                |
| 17 | EV320-5C-150A  | EV320-5C-150A-N |              | 150       | 31300       | 54500      | 22              |                 |                |
| 18 | EV320-5C-175A  | EV320-5C-175A-N |              | 175       | 47800       | 84900      | 25              |                 |                |
| 19 | EV320-5C-200A  | EV320-5C-200A-N |              | 200       | 70400       | 89300      | 30              |                 |                |
| 20 | EV320-5C-225A  | EV320-5C-225A-N |              | 225       | 107500      | 100600     | 30              |                 |                |
| 21 | EV320-5C-250A  | EV320-5C-250A-N |              | 250       | 140500      | 175400     | 32              |                 |                |
| 22 | EV320-5C-300A  | EV320-5C-300A-N |              | 300       | 125300      | 153600     | 35              |                 |                |
| 23 | EV320-5C-350A  | EV320-5C-350A-N |              | 350       | 195800      | 228800     | 38              |                 |                |
| 24 | EV320-5C-400A  | EV320-5C-400A-N |              | 400       | 298800      | 332700     | 40              |                 |                |
| 25 | EV320-5C-450A  | EV320-5C-450A-N |              | 450       | 430200      | 504050     | 42              |                 |                |
| 26 | EV320-5C-500A  | EV320-5C-500A-N |              | 500       | 562000      | 606000     | 45              |                 |                |

外形尺寸 / Dimensions(mm)

◎ EV320-5X



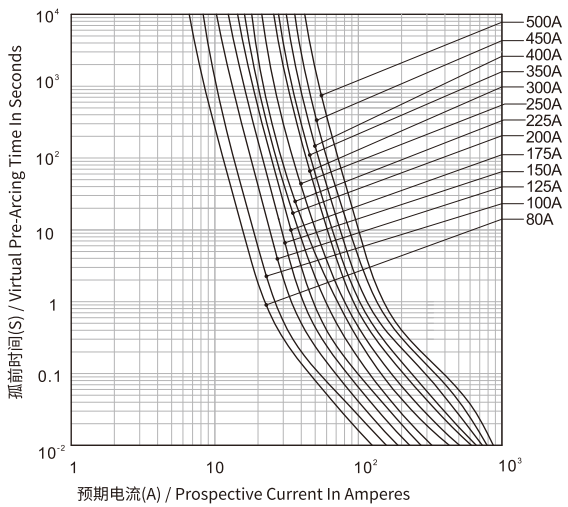
◎ EV320-5C



注：不带可视窗产品型号为  
without viewable window product model EV320-5X/5C-XXA-N

特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 / Time-Current Curve



产品信息/General Information

- 额定电压 / Rated Voltage DC850V
- 额定电流 / Rated Current 16-30A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC10kA
- 时间常数 / Time Constant 2±0.5ms
- 参考标准 / Reference Standards ISO8820, GB/T31465

产品认证 / Certificates



产品应用 / Applications

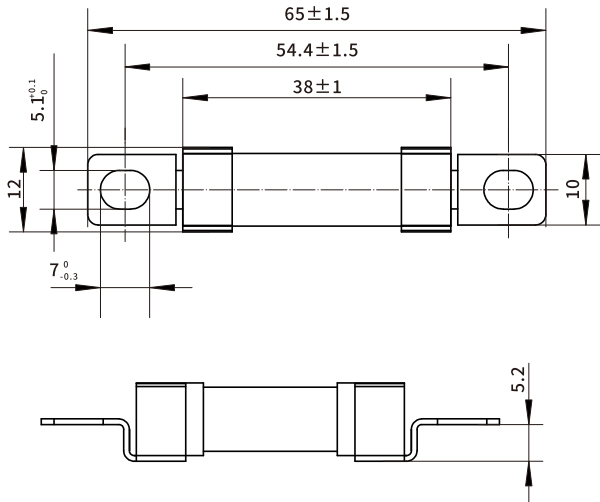


产品参数表/Product Parameter sheet

|    | 型号<br>Part Number | 尺寸代码<br>Size | I <sub>n</sub><br>(A) | I <sup>2</sup> t (A <sup>2</sup> s) |             | Loss@ I <sub>n</sub><br>(W) | 重量<br>Weight(g) | 安装<br>Mounting                  |
|----|-------------------|--------------|-----------------------|-------------------------------------|-------------|-----------------------------|-----------------|---------------------------------|
|    |                   |              |                       | 弧前 Prearcing                        | 熔断 Clearing |                             |                 |                                 |
| 1  | EV321-3EM-16A     | 3EM          | 16                    | 200                                 | 580         | 2                           | 14±0.5          | M5<br>4.5±1N·m                  |
| 2  | EV321-3EM-20A     |              | 20                    | 430                                 | 1450        | 3                           |                 |                                 |
| 3  | EV321-3EM-25A     |              | 25                    | 770                                 | 2190        | 4                           |                 |                                 |
| 4  | EV321-3EM-30A     |              | 30                    | 1200                                | 3920        | 5                           |                 |                                 |
| 5  | EV321-3EL-16A     | 3EL          | 16                    | 200                                 | 580         | 2                           | 7.0±1           | M5<br>4.5±1N·m                  |
| 6  | EV321-3EL-20A     |              | 20                    | 430                                 | 1450        | 3                           |                 |                                 |
| 7  | EV321-3EL-25A     |              | 25                    | 770                                 | 2190        | 4                           |                 |                                 |
| 8  | EV321-3EL-30A     |              | 30                    | 1200                                | 3920        | 5                           |                 |                                 |
| 9  | EV321-3EC-16A     | 3EC          | 16                    | 200                                 | 580         | 2                           | 14.5±1          | M5<br>4.5±1N·m                  |
| 10 | EV321-3EC-20A     |              | 20                    | 430                                 | 1450        | 3                           |                 |                                 |
| 11 | EV321-3EC-25A     |              | 25                    | 770                                 | 2190        | 4                           |                 |                                 |
| 12 | EV321-3EC-30A     |              | 30                    | 1200                                | 3920        | 5                           |                 |                                 |
| 13 | EV321-3ELB-16A    | 3ELB         | 16                    | 200                                 | 580         | 2                           | 7.8±1.5         | 单引脚插入式<br>Single pin<br>plug-in |
| 14 | EV321-3ELB-20A    |              | 20                    | 430                                 | 1450        | 3                           |                 |                                 |
| 15 | EV321-3ELB-25A    |              | 25                    | 770                                 | 2190        | 4                           |                 |                                 |
| 16 | EV321-3ELB-30A    |              | 30                    | 1200                                | 3920        | 5                           |                 |                                 |
| 17 | EV321-3EH-16A     | 3EH          | 16                    | 200                                 | 580         | 2                           |                 |                                 |
| 18 | EV321-3EH-20A     |              | 20                    | 430                                 | 1450        | 3                           |                 |                                 |
| 19 | EV321-3EH-25A     |              | 25                    | 770                                 | 2190        | 4                           |                 |                                 |
| 20 | EV321-3EH-30A     |              | 30                    | 1200                                | 3920        | 5                           |                 |                                 |

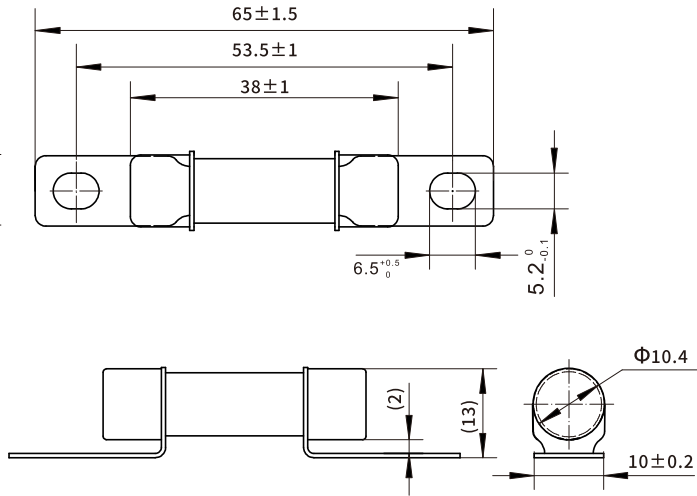
外形尺寸 / Dimensions(mm)

◎ EV321-3EM



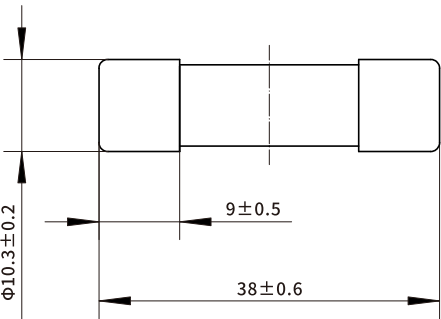
注：两触刀安装面平行度 $\leq 0.5$   
Levelness of terminal blades not exceeding 0.5;

◎ EV321-3EL

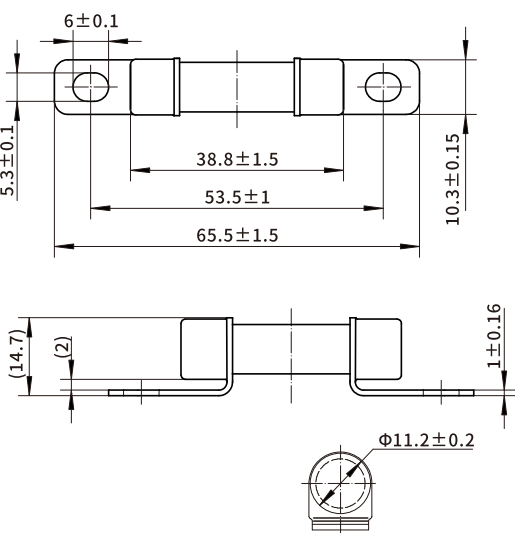


注：两触刀安装面平行度 $\leq 0.5$   
Levelness of terminal blades not exceeding 0.5;

◎ EV321-3EC

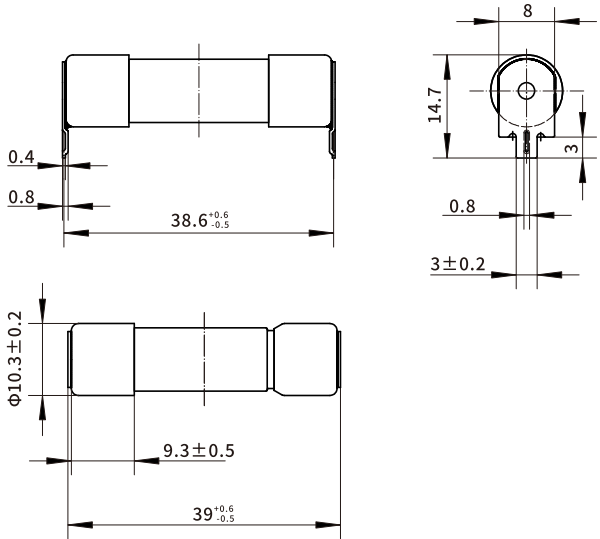


◎ EV321-3ELB



注：两触刀安装面平行度 $\leq 0.5$   
Levelness of terminal blades not exceeding 0.5;

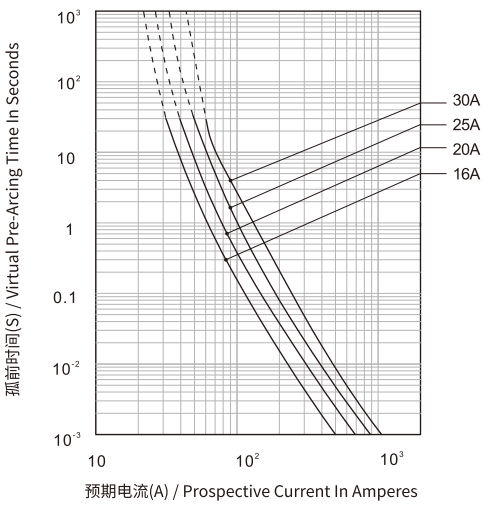
◎ EV321-3EH



注：两触刀安装面平行度 $\leq 0.5$   
Levelness of terminal blades not exceeding 0.5;

特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 / Time-Current Curve





产品信息/General Information

- 额定电压 / Rated Voltage DC850V
- 额定电流 / Rated Current 40-50A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC20kA
- 时间常数 / Time Constant  $2 \pm 0.5\text{ms}$
- 参考标准 / Reference Standards ISO8820, GB/T31465

产品认证 / Certificates



产品应用 / Applications

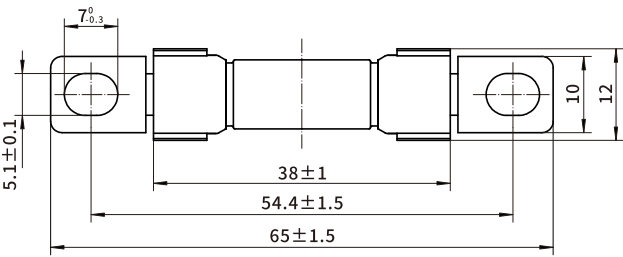


产品参数表/Product Parameter sheet

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I <sup>2</sup> t (A <sup>2</sup> s) |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting               |
|----|-------------------|--------------|-----------|-------------------------------------|-------------|-----------------|-----------------|------------------------------|
|    |                   |              |           | 弧前Preacting                         | 熔断 Clearing |                 |                 |                              |
| 1  | EV321-3EM-40A     | 3EM          | 40        | 1050                                | 4200        | 6.5             | 11.7±1          | M5<br>4.5±1Nm                |
| 2  | EV321-3EM-50A     |              | 50        | 2730                                | 6470        | 10              |                 |                              |
| 3  | EV321-3EL-40A     | 3EL          | 40        | 1050                                | 4200        | 6.5             | 10.2±1          |                              |
| 4  | EV321-3EL-50A     |              | 50        | 2730                                | 6470        | 10              |                 |                              |
| 5  | EV321-3ELB-40A    | 3ELB         | 40        | 1050                                | 4200        | 6.5             | 14.5±1          | 配底座<br>Base                  |
| 6  | EV321-3ELB-50A    |              | 50        | 2730                                | 6470        | 10              |                 |                              |
| 7  | EV321-3EC-40A     | 3EC          | 40        | 1050                                | 4200        | 6.5             | 7.0±1           |                              |
| 8  | EV321-3EC-50A     |              | 50        | 2730                                | 6470        | 10              |                 |                              |
| 9  | EV321-3EH-40A     | 3EH          | 40        | 1050                                | 4200        | 6.5             | 7.8±1.5         | 单引脚插入式<br>Single pin plug-in |
| 10 | EV321-3EH-50A     |              | 50        | 2730                                | 6470        | 10              |                 |                              |

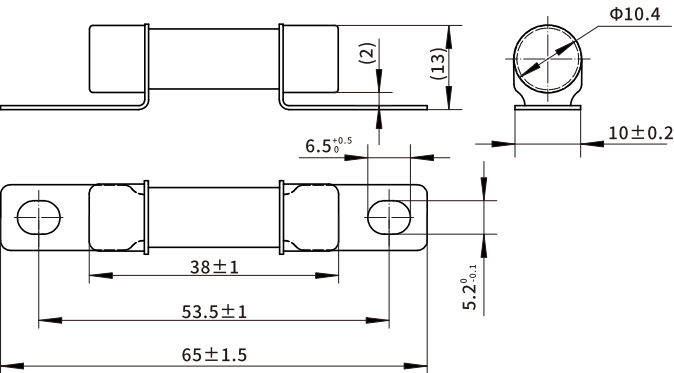
外形尺寸 / Dimensions(mm)

◎ EV321-3EM



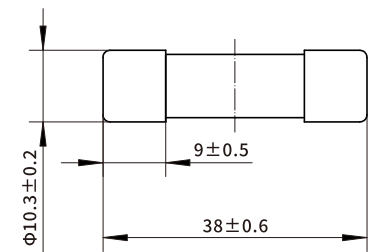
注：两触刀安装面平行度≤0.5  
Levelness of terminal blades not exceeding 0.5;

◎ EV321-3EL

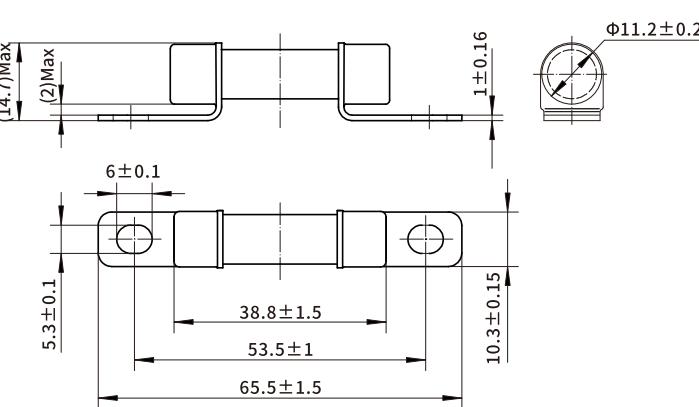


注：两触刀安装面平行度≤0.5  
Levelness of terminal blades not exceeding 0.5;

◎ EV321-3EC

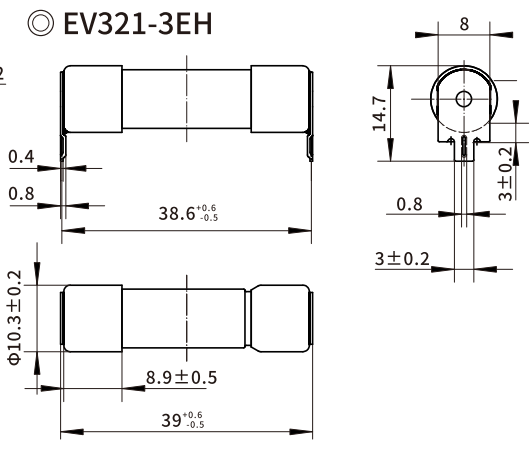


◎ EV321-3ELB



注：两触刀安装面平行度≤0.5  
Levelness of terminal blades not exceeding 0.5;

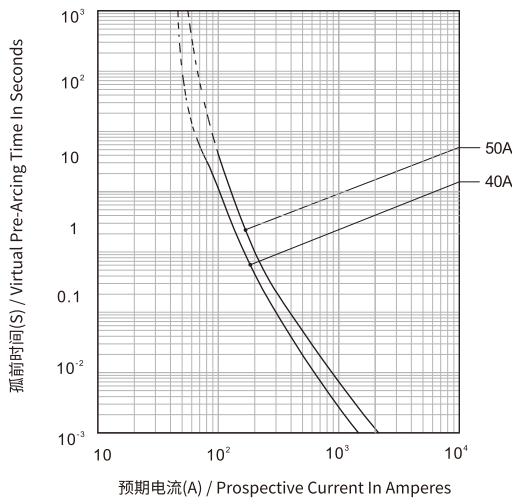
◎ EV321-3EH

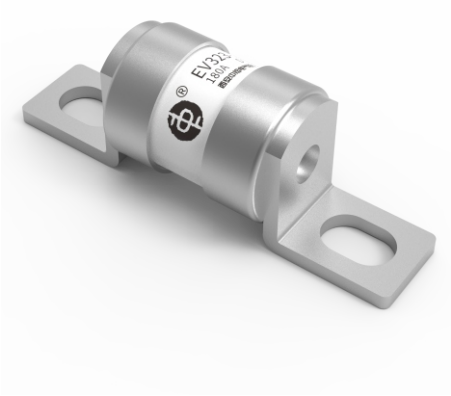


注：两触刀安装面平行度≤0.5  
Levelness of terminal blades not exceeding 0.5;

特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve





产品信息/General Information

○ 额定电压 / Rated Voltage

DC250V

○ 额定电流 / Rated Current

16-500A

○ 保护类别 / Utilization Category

EV

○ 分断能力 / Breaking Capacity

EV323-2GL @30kA

EV323-3NL/3NM @50kA

○ 时间常数 / Time Constant

2±0.5ms

○ 参考标准 / Reference Standards

JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



产品应用 / Applications



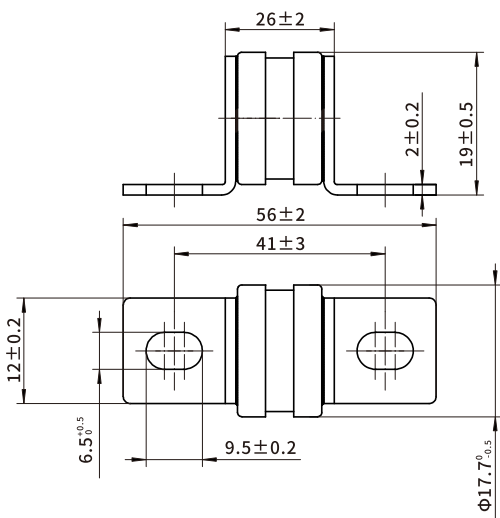
产品参数表/Product Parameter sheet

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|-------------------|--------------|-----------|-------------|-------------|-----------------|-----------------|----------------|
|    |                   |              |           | 弧前Preacting | 熔断 Clearing |                 |                 |                |
| 1  | EV323-2GL16A      | 2GL          | 16        | 19          | 99          | 3.03            | 29.2 ± 2        | M6<br>6±1N·m   |
| 2  | EV323-2GL20A      |              | 20        | 30          | 154         | 3.8             |                 |                |
| 3  | EV323-2GL25A      |              | 25        | 60          | 302         | 4.25            |                 |                |
| 4  | EV323-2GL32A      |              | 32        | 99          | 499         | 5.44            |                 |                |
| 5  | EV323-2GL35A      |              | 35        | 122         | 616         | 5.87            |                 |                |
| 6  | EV323-2GL40A      |              | 40        | 176         | 886.5       | 6.41            |                 |                |
| 7  | EV323-2GL50A      |              | 50        | 313         | 1576        | 7.57            |                 |                |
| 8  | EV323-2GL63A      |              | 63        | 540         | 2715        | 9.24            |                 |                |
| 9  | EV323-2GL80A      |              | 80        | 926         | 4656        | 11.32           |                 |                |
| 10 | EV323-2GL100A     |              | 100       | 1586        | 7979        | 13.95           |                 |                |
| 11 | EV323-2GL125A     |              | 125       | 2821        | 14184.5     | 16.7            |                 |                |
| 12 | EV323-2GL160A     |              | 160       | 4860        | 24435       | 21.43           |                 |                |
| 13 | EV323-2GL180A     |              | 180       | 6347        | 31915       | 24              |                 |                |
| 14 | EV323-3NL50A      | 3NL          | 50        | 217         | 666         | 7.1             | 164.7 ± 5       | M8<br>12±1N·m  |
| 15 | EV323-3NL63A      |              | 63        | 385         | 1133        | 8.3             |                 |                |
| 16 | EV323-3NL80A      |              | 80        | 664         | 1951        | 10              |                 |                |
| 17 | EV323-3NL100A     |              | 100       | 1097        | 2769        | 12              |                 |                |
| 18 | EV323-3NL125A     |              | 125       | 1844        | 5176        | 15              |                 |                |
| 19 | EV323-3NL160A     |              | 160       | 3116        | 10443       | 19.2            |                 |                |
| 20 | EV323-3NL180A     |              | 180       | 4148        | 12598       | 21.4            |                 |                |
| 21 | EV323-3NL200A     |              | 200       | 5508        | 18837       | 23.2            |                 |                |
| 22 | EV323-3NL250A     |              | 250       | 8923        | 25719       | 29.2            |                 |                |
| 23 | EV323-3NL315A     |              | 315       | 14750       | 41036       | 38.1            |                 |                |
| 24 | EV323-3NL350A     |              | 350       | 20076       | 57241       | 42.3            |                 |                |

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|-------------------|--------------|-----------|-------------|-------------|-----------------|-----------------|----------------|
|    |                   |              |           | 弧前Preacting | 熔断 Clearing |                 |                 |                |
| 25 | EV323-3NL400A     | 3NL          | 400       | 29497       | 95482       | 48.5            | 164.7 ± 5       | M8<br>12±1N·m  |
| 26 | EV323-3NL450A     |              | 450       | 40972       | 134450      | 55.5            |                 |                |
| 27 | EV323-3NL500A     |              | 500       | 59000       | 169000      | 63              |                 |                |
| 28 | EV323-3NM50A      |              | 50        | 217         | 666         | 7.1             |                 |                |
| 29 | EV323-3NM63A      | 3NM          | 63        | 385         | 1133        | 8.3             | 127 ± 5         | M8<br>12±1N·m  |
| 30 | EV323-3NM80A      |              | 80        | 664         | 1951        | 10              |                 |                |
| 31 | EV323-3NM100A     |              | 100       | 1097        | 2769        | 12              |                 |                |
| 32 | EV323-3NM125A     |              | 125       | 1844        | 5176        | 15              |                 |                |
| 33 | EV323-3NM160A     |              | 160       | 3116        | 10443       | 19.2            |                 |                |
| 34 | EV323-3NM180A     |              | 180       | 4148        | 12598       | 21.4            |                 |                |
| 35 | EV323-3NM200A     |              | 200       | 5508        | 18837       | 23.2            |                 |                |
| 36 | EV323-3NM250A     |              | 250       | 8923        | 25719       | 29.2            |                 |                |
| 37 | EV323-3NM315A     |              | 315       | 14750       | 41036       | 38.1            |                 |                |
| 38 | EV323-3NM350A     |              | 350       | 20076       | 57241       | 42.3            |                 |                |
| 39 | EV323-3NM400A     |              | 400       | 29497       | 95482       | 48.5            |                 |                |
| 40 | EV323-3NM450A     |              | 450       | 40972       | 134450      | 55.5            |                 |                |
| 41 | EV323-3NM500A     |              | 500       | 59000       | 169000      | 63              |                 |                |

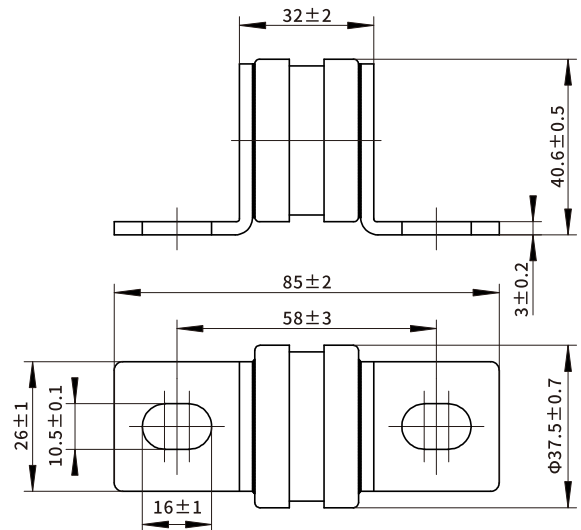
外形尺寸 / Dimensions(mm)

◎ EV323-2GL



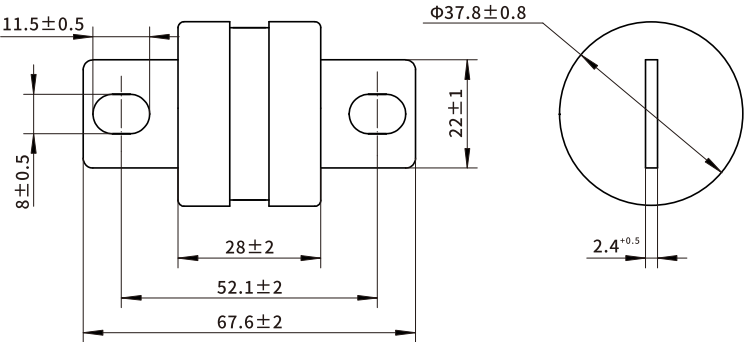
注：两触刀安装面平行度≤0.3  
Levelness of terminal blades not exceeding 0.3;

◎ EV323-3NL



注：两触刀安装面平行度≤0.3  
Levelness of terminal blades not exceeding 0.3;

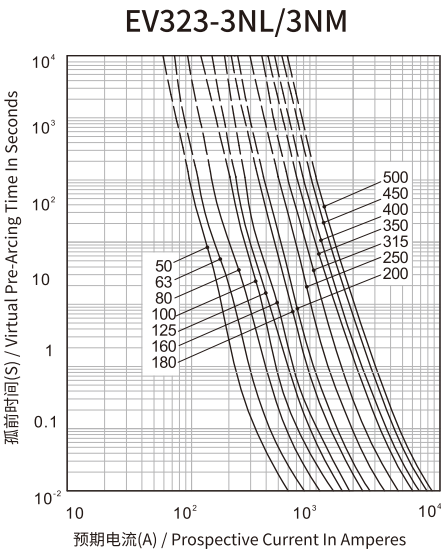
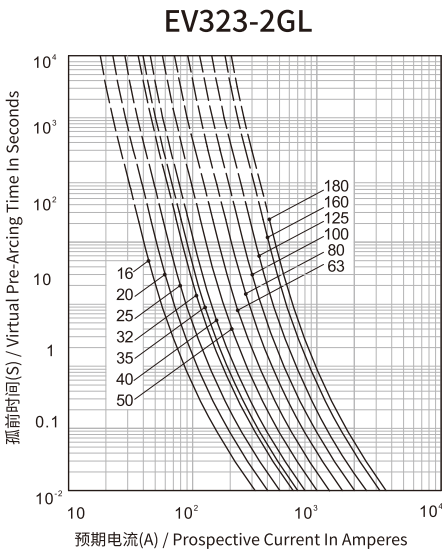
◎ EV323-3NM



注：两触刀安装面平行度≤0.3  
Levelness of terminal blades not exceeding 0.3;

特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve



产品信息/General Information

- 额定电压 / Rated Voltage

DC750V
- 额定电流 / Rated Current

10-100A
- 保护类别 / Utilization Category

EV
- 分断能力 / Breaking Capacity

EV325-4GL 50kA

EV325-3EM/3EC/3ELB/3EL/3ELC/3EH 20kA

EV325-5FL 20kA
- 时间常数 / Time Constant

2±0.5ms
- 参考标准 / Reference Standards

JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



产品应用 / Applications

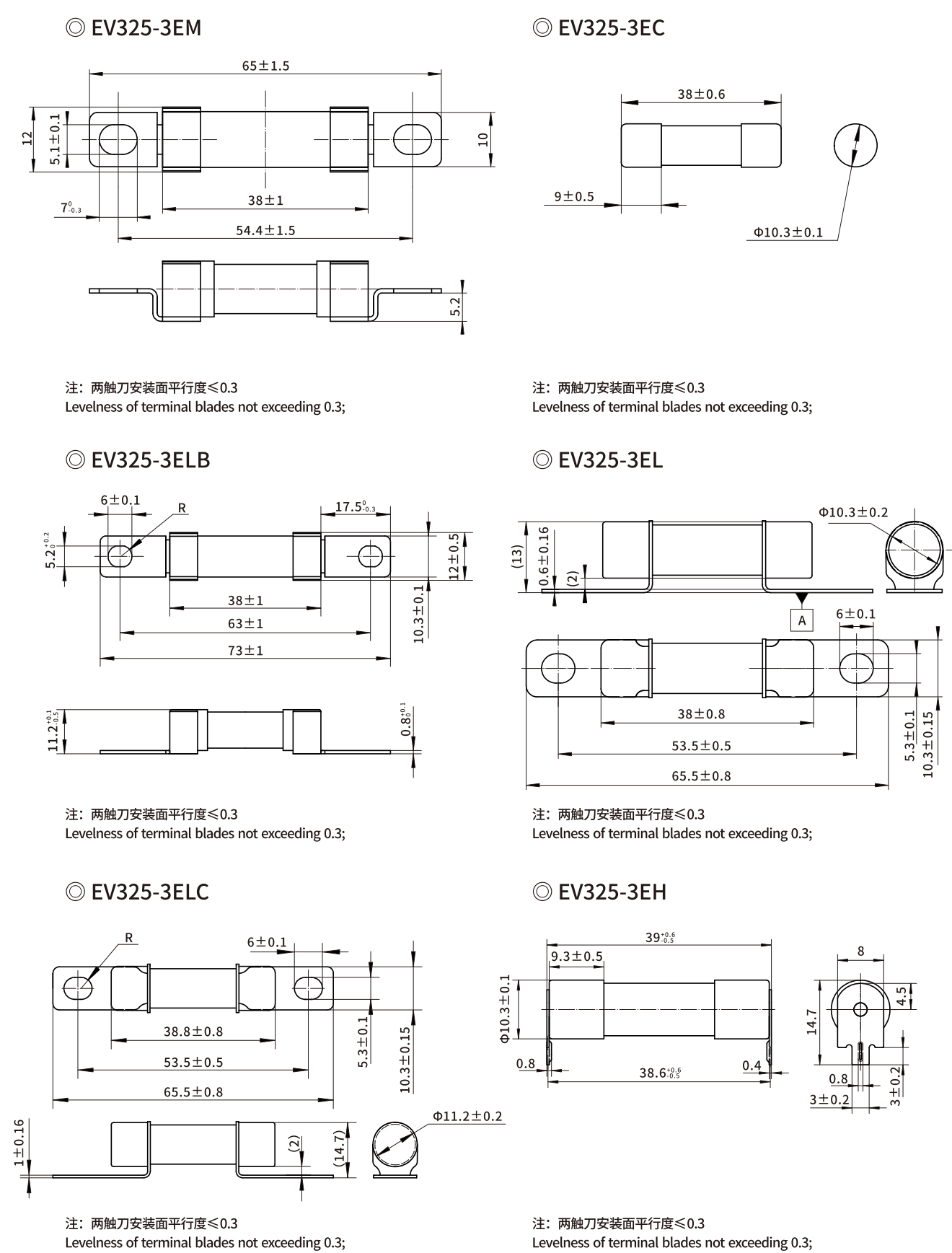
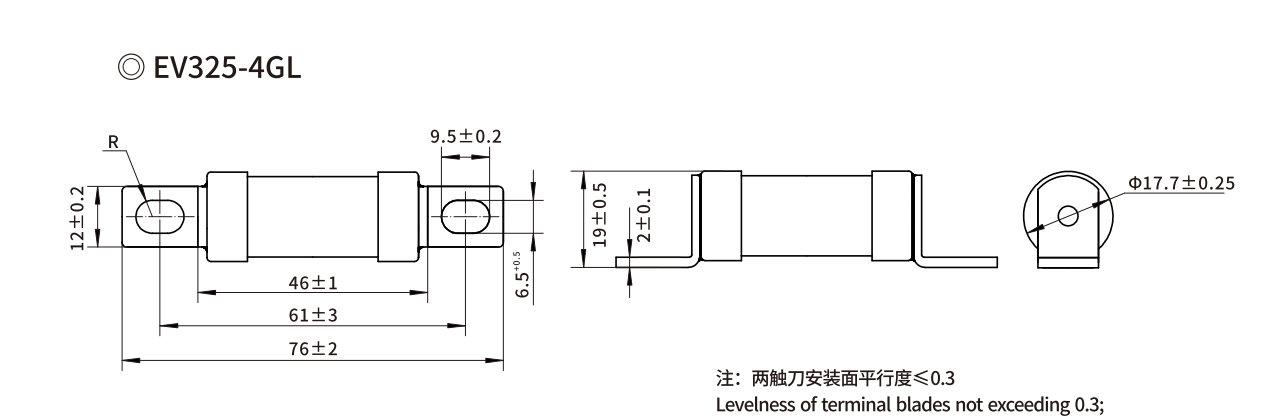


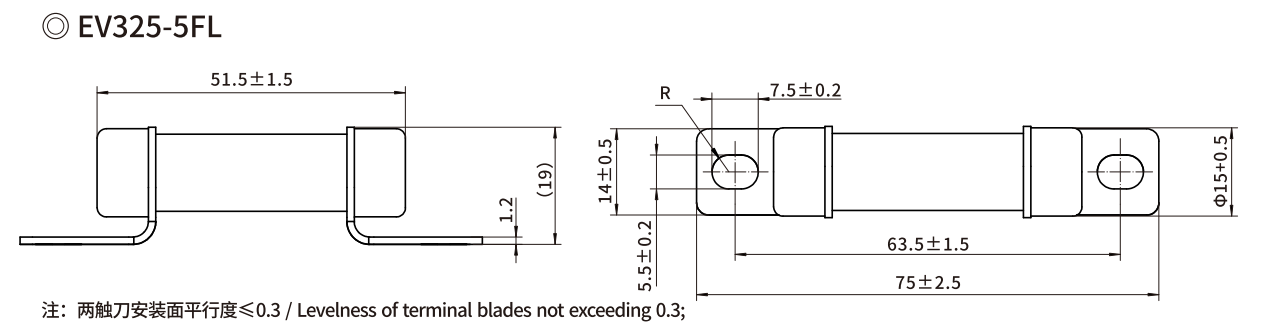
产品参数表/Product Parameter sheet

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting       |
|----|-------------------|--------------|-----------|-------------|-------------|-----------------|-----------------|----------------------|
|    |                   |              |           | 弧前Prearcing | 熔断 Clearing |                 |                 |                      |
| 1  | EV325-4GL16A      | 4GL          | 16        | 26          | 144         | 3.5             | 40±3            | M6<br>6±1N·m         |
| 2  | EV325-4GL20A      |              | 20        | 51          | 282         | 3.9             |                 |                      |
| 3  | EV325-4GL25A      |              | 25        | 85          | 467         | 4.8             |                 |                      |
| 4  | EV325-4GL32A      |              | 32        | 152         | 829         | 5.9             |                 |                      |
| 5  | EV325-4GL40A      |              | 40        | 270         | 1475        | 6.9             |                 |                      |
| 6  | EV325-4GL50A      |              | 50        | 510         | 2788        | 7.9             |                 |                      |
| 7  | EV325-4GL63A      |              | 63        | 827         | 4516        | 9.8             |                 |                      |
| 8  | EV325-4GL80A      |              | 80        | 1688        | 9216        | 11.2            |                 |                      |
| 9  | EV325-4GL100A     |              | 100       | 3310        | 19200       | 12.5            |                 |                      |
| 10 | EV325-3EM10A      | 3EM          | 10        | 10          | 65          | 2.9             | 11.7±1          | M5<br>4.5±1N.m       |
| 11 | EV325-3EM15A      |              | 15        | 24          | 145         | 4.3             |                 |                      |
| 12 | EV325-3EM20A      |              | 20        | 68          | 402         | 4.6             |                 |                      |
| 13 | EV325-3EM25A      |              | 25        | 134         | 787         | 5.1             |                 |                      |
| 14 | EV325-3EM30A      |              | 30        | 222         | 1301        | 5.8             |                 |                      |
| 15 | EV325-3EM40A      |              | 40        | 463         | 2714        | 7.1             |                 |                      |
| 16 | EV325-3EM50A      |              | 50        | 2930        | 6420        | 9               |                 |                      |
| 17 | EV325-3EC10A      | 3EC          | 10        | 10          | 65          | 2.9             | 7.0±1           | 圆筒帽结构<br>Cylindrical |
| 18 | EV325-3EC15A      |              | 15        | 24          | 145         | 4.3             |                 |                      |
| 19 | EV325-3EC20A      |              | 20        | 68          | 402         | 4.6             |                 |                      |
| 20 | EV325-3EC25A      |              | 25        | 134         | 787         | 5.1             |                 |                      |
| 21 | EV325-3EC30A      |              | 30        | 222         | 1301        | 5.8             |                 |                      |
| 22 | EV325-3EC40A      |              | 40        | 463         | 2714        | 7.1             |                 |                      |
| 23 | EV325-3EC50A      |              | 50        | 2930        | 6420        | 9               |                 |                      |

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I <sup>2</sup> t(A <sup>2</sup> s) |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting                  |
|----|-------------------|--------------|-----------|------------------------------------|------------|-----------------|-----------------|---------------------------------|
|    |                   |              |           | 弧前Preacting                        | 熔断Clearing |                 |                 |                                 |
| 24 | EV325-3ELB10A     | 3ELB         | 10        | 10                                 | 65         | 2.9             | 12.1±1          | M5<br>4.5±1N.m                  |
| 25 | EV325-3ELB15A     |              | 15        | 24                                 | 145        | 4.3             |                 |                                 |
| 26 | EV325-3ELB20A     |              | 20        | 68                                 | 402        | 4.6             |                 |                                 |
| 27 | EV325-3ELB25A     |              | 25        | 134                                | 787        | 5.1             |                 |                                 |
| 28 | EV325-3ELB30A     |              | 30        | 222                                | 1301       | 5.8             |                 |                                 |
| 29 | EV325-3ELB40A     |              | 40        | 463                                | 2714       | 7.1             |                 |                                 |
| 30 | EV325-3ELB50A     |              | 50        | 2930                               | 6420       | 9               |                 |                                 |
| 31 | EV325-3EL10A      | 3EL          | 10        | 10                                 | 65         | 2.9             | 10.2±1          | M5<br>4.5±1N.m                  |
| 32 | EV325-3EL15A      |              | 15        | 24                                 | 145        | 4.3             |                 |                                 |
| 33 | EV325-3EL20A      |              | 20        | 68                                 | 402        | 4.6             |                 |                                 |
| 34 | EV325-3EL25A      |              | 25        | 134                                | 787        | 5.1             |                 |                                 |
| 35 | EV325-3EL30A      |              | 30        | 222                                | 1301       | 5.8             |                 |                                 |
| 36 | EV325-3EL40A      |              | 40        | 463                                | 2714       | 7.1             |                 |                                 |
| 37 | EV325-3EL50A      |              | 50        | 2930                               | 6420       | 9               |                 |                                 |
| 38 | EV325-3ELC10A     | 3ELC         | 10        | 10                                 | 65         | 2.9             | 14.5±1          | M5<br>4.5±1N.m                  |
| 39 | EV325-3ELC15A     |              | 15        | 24                                 | 145        | 4.3             |                 |                                 |
| 40 | EV325-3ELC20A     |              | 20        | 68                                 | 402        | 4.6             |                 |                                 |
| 41 | EV325-3ELC25A     |              | 25        | 134                                | 787        | 5.1             |                 |                                 |
| 42 | EV325-3ELC30A     |              | 30        | 222                                | 1301       | 5.8             |                 |                                 |
| 43 | EV325-3ELC40A     |              | 40        | 463                                | 2714       | 7.1             |                 |                                 |
| 44 | EV325-3ELC50A     |              | 50        | 2930                               | 6420       | 9               |                 |                                 |
| 45 | EV325-3EH10A      | 3EH          | 10        | 10                                 | 65         | 2.9             | 10.3±1.5        | 单引脚插入式<br>Single pin<br>plug-in |
| 46 | EV325-3EH15A      |              | 15        | 24                                 | 145        | 4.3             |                 |                                 |
| 47 | EV325-3EH20A      |              | 20        | 68                                 | 402        | 4.6             |                 |                                 |
| 48 | EV325-3EH25A      |              | 25        | 134                                | 787        | 5.1             |                 |                                 |
| 49 | EV325-3EH30A      |              | 30        | 222                                | 1301       | 5.8             |                 |                                 |
| 50 | EV325-3EH40A      |              | 40        | 463                                | 2714       | 7.1             |                 |                                 |
| 51 | EV325-3EH50A      |              | 50        | 2930                               | 6420       | 9               |                 |                                 |
| 52 | EV325-5FL20A      | 5FL          | 20        | 234                                | 588        | 3.9             | 31.8±2          | M5<br>4.5±1N.m                  |
| 53 | EV325-5FL30A      |              | 30        | 788                                | 1976       | 4.1             |                 |                                 |
| 54 | EV325-5FL40A      |              | 40        | 1276                               | 3200       | 5.9             |                 |                                 |
| 55 | EV325-5FL50A      |              | 50        | 2110                               | 5290       | 8.5             |                 |                                 |

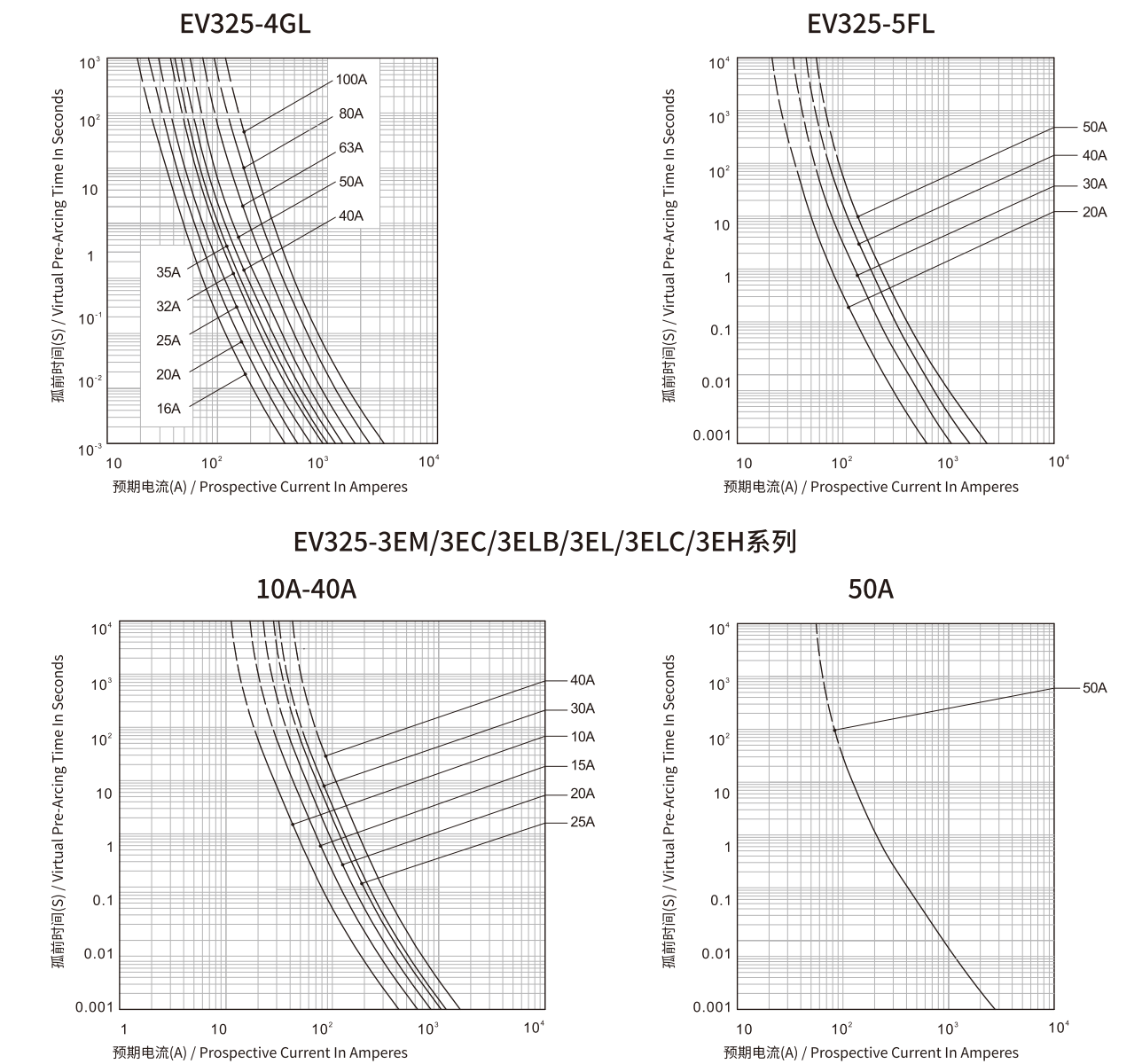
外形尺寸 / Dimensions(mm)





特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve





产品信息/General Information

◎ 额定电压 / Rated Voltage

DC500V

◎ 额定电流 / Rated Current

150-300A

◎ 保护类别 / Utilization Category

EV

◎ 分断能力 / Breaking Capacity

DC20kA

◎ 时间常数 / Time Constant

2±0.5ms

◎ 参考标准 / Reference Standards

JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



产品应用 / Applications



产品参数表/Product Parameter sheet

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|-------------------|--------------|-----------|-------------|-------------|-----------------|-----------------|----------------|
|    |                   |              |           | 弧前Prearcing | 熔断 Clearing |                 |                 |                |
| 1  | EV8JM-150         | JM           | 150       | 5728        | 19648       | 23              | 81±3            | M6<br>6±1N·m   |
| 2  | EV8JM-175         |              | 175       | 8950        | 30700       | 25.5            |                 |                |
| 3  | EV8JM-200         |              | 200       | 11690       | 40100       | 28              |                 |                |
| 4  | EV8JM-225         |              | 225       | 12888       | 44208       | 38.2            |                 |                |
| 5  | EV8JM-250         |              | 250       | 17542       | 60172       | 41              |                 |                |
| 6  | EV8JM-300         |              | 300       | 27200       | 96200       | 46              |                 |                |
| 7  | EV8JMC-150        | JMC          | 150       | 5728        | 19648       | 23              | 81±3            | M8<br>12±1N·m  |
| 8  | EV8JMC-175        |              | 175       | 8950        | 30700       | 25.5            |                 |                |
| 9  | EV8JMC-200        |              | 200       | 11690       | 40100       | 28              |                 |                |
| 10 | EV8JMC-225        |              | 225       | 12888       | 44208       | 38.2            |                 |                |
| 11 | EV8JMC-250        |              | 250       | 17542       | 60172       | 41              |                 |                |
| 12 | EV8JMC-300        |              | 300       | 27200       | 96200       | 46              |                 |                |

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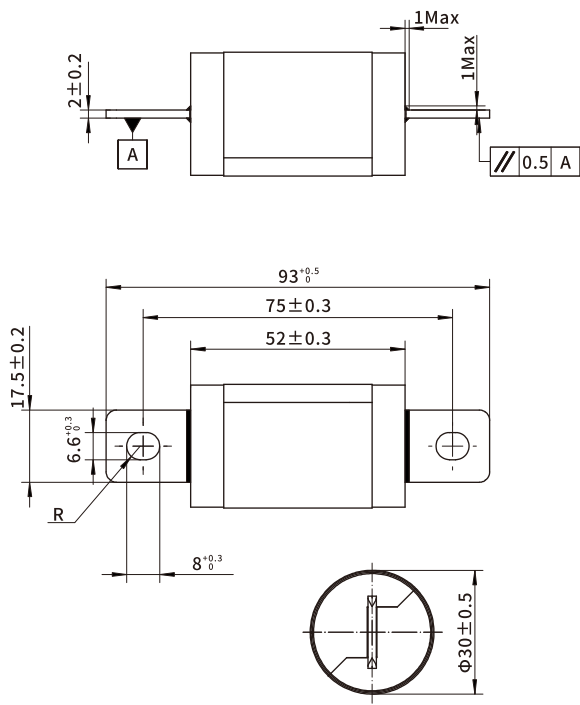
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电力熔断器EV8JM/EV8JMC

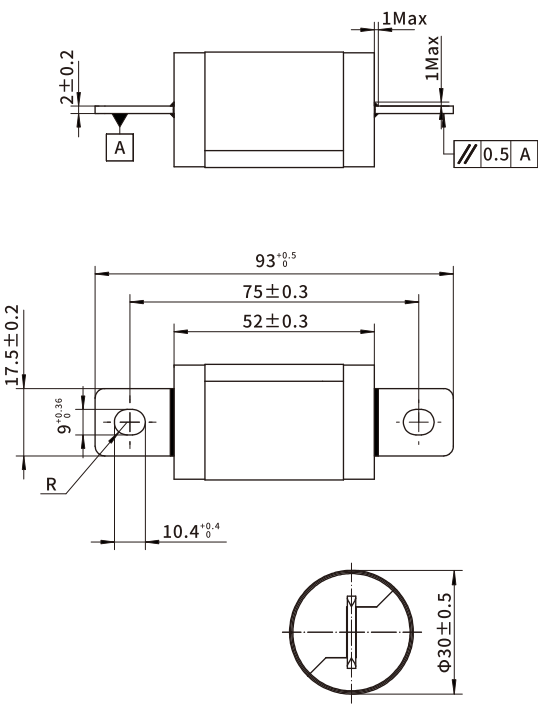
DC500V 150A-300A

外形尺寸 / Dimension(mm)

◎ EV8JM

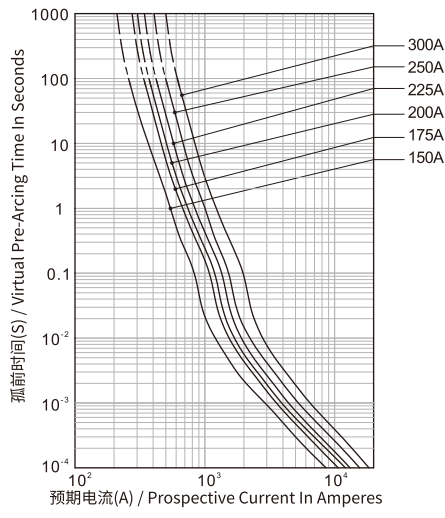


◎ EV8JMC



特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve



电力熔断器EV8KM

DC500V 350A-500A

产品信息/General Information

- 额定电压 / Rated Voltage: DC500V
- 额定电流 / Rated Current: 350-500A
- 保护类别 / Utilization Category: EV
- 分断能力 / Breaking Capacity: DC20kA
- 时间常数 / Time Constant: 2±0.5ms
- 参考标准 / Reference Standards: JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



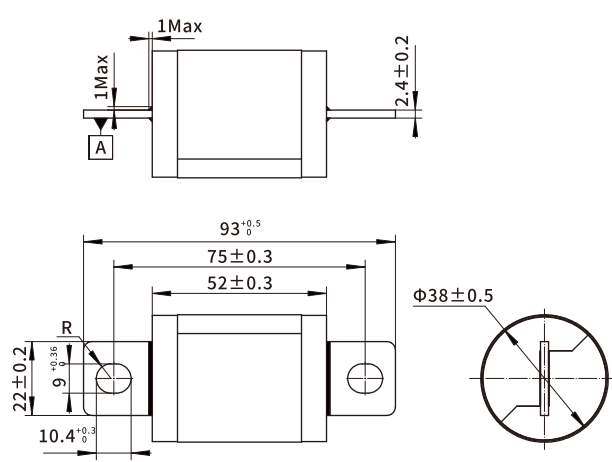
产品应用 / Applications



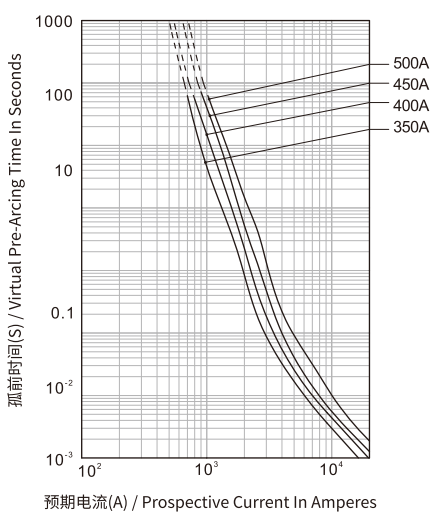
产品参数表/Product Parameter sheet

|   | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I <sup>2</sup> t (A <sup>2</sup> s) |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|---|-------------------|--------------|-----------|-------------------------------------|-------------|-----------------|-----------------|----------------|
|   |                   |              |           | 弧前Prearcing                         | 熔断 Clearing |                 |                 |                |
| 1 | EV8KM-350         | KM           | 350       | 23556                               | 83479       | 59              | 132±6           | M8<br>12±1N·m  |
| 2 | EV8KM-400         |              | 400       | 32062                               | 113625      | 72              |                 |                |
| 3 | EV8KM-450         |              | 450       | 41877                               | 148408      | 72.5            |                 |                |
| 4 | EV8KM-500         |              | 500       | 57000                               | 202000      | 80              |                 |                |

外形尺寸 / Dimensions(mm)



特性曲线 / Characteristic Curves





产品信息/General Information

- 额定电压 / Rated Voltage DC500V
- 额定电流 / Rated Current 500-1000A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC20kA
- 时间常数 / Time Constant 2±0.5ms
- 参考标准 / Reference Standards JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



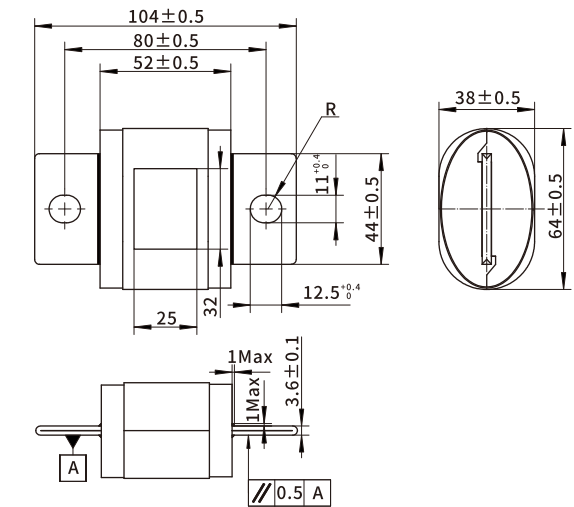
产品应用 / Applications



产品参数表/Product Parameter sheet

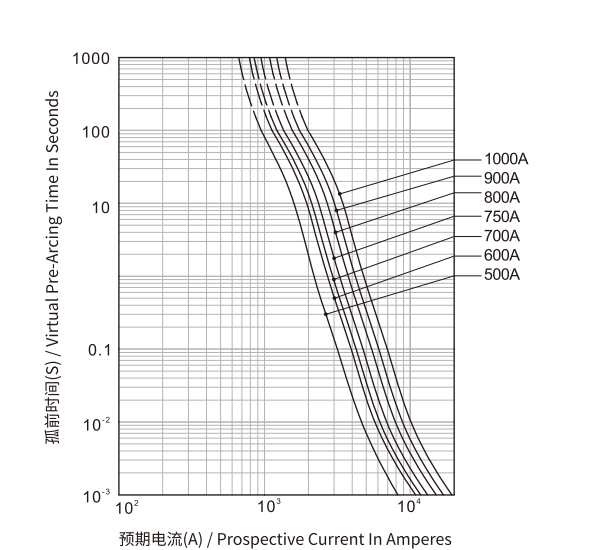
|   | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t(A²s)    |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|---|-------------------|--------------|-----------|-------------|-------------|-----------------|-----------------|----------------|
|   |                   |              |           | 弧前Preacting | 熔断 Clearing |                 |                 |                |
| 1 | EV8MKM-500        | MKM          | 500       | 45191       | 126270      | 85              | 278±10          | M10<br>21±1N·m |
| 2 | EV8MKM-600        |              | 600       | 80340       | 224480      | 88              |                 |                |
| 3 | EV8MKM-700        |              | 700       | 88575       | 247489      | 123             |                 |                |
| 4 | EV8MKM-750        |              | 750       | 115690      | 323251      | 126             |                 |                |
| 5 | EV8MKM-800        |              | 800       | 153000      | 427500      | 123             |                 |                |
| 6 | EV8MKM-900        |              | 900       | 208250      | 581875      | 124             |                 |                |
| 7 | EV8MKM-1000       |              | 1000      | 272000      | 760000      | 135             |                 |                |

外形尺寸 / Dimensions(mm)



注：两触刀安装面平行度≤0.5/ Levelness of terminal blades not exceeding 0.5;

特性曲线 / Characteristic Curves



产品信息/General Information

- 额定电压 / Rated Voltage DC500V
- 额定电流 / Rated Current 50-630A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC20kA
- 时间常数 / Time Constant 2±0.5ms
- 参考标准 / Reference Standards IEC60269, ISO8820, GB/T31465

产品认证 / Certificates



产品应用 / Applications

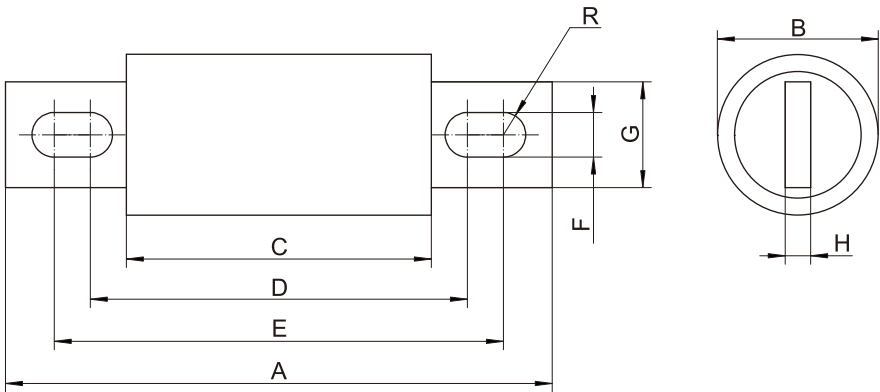


产品参数表/Product Parameter sheet

|    | 型号<br>Part Number  | 尺寸代码<br>Size | In<br>(A) | I²t(A²s)    |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|--------------------|--------------|-----------|-------------|-------------|-----------------|-----------------|----------------|
|    |                    |              |           | 弧前Preacting | 熔断 Clearing |                 |                 |                |
| 1  | RS309-MD-EVS50A-D  | 3XA          | 50        | 289         | 1089        | 12              | 49±3            | M8<br>12±1N·m  |
| 2  | RS309-MD-EVS60A-D  |              | 60        | 408         | 1530        | 14              |                 |                |
| 3  | RS309-MD-EVS70A-D  |              | 70        | 551         | 2150        | 16              |                 |                |
| 4  | RS309-MD-EVS80A-D  |              | 80        | 850         | 3250        | 19              |                 |                |
| 5  | RS309-MD-EVS100A-D |              | 100       | 1340        | 5050        | 25              |                 |                |
| 6  | RS309-MD-EVS125A-D |              | 125       | 1980        | 7580        | 29              |                 |                |
| 7  | RS309-MD-EVS150A-D |              | 150       | 3050        | 11400       | 33              |                 |                |
| 8  | RS309-MD-EVD100A   | 4ZA          | 100       | 1150        | 4500        | 22              | 81±5            | M8<br>12±1N·m  |
| 9  | RS309-MD-EVD125A   |              | 125       | 1800        | 7600        | 27              |                 |                |
| 10 | RS309-MD-EVD150A   |              | 150       | 2750        | 12900       | 33              |                 |                |
| 11 | RS309-MD-EVD175A   |              | 175       | 3350        | 13700       | 37.5            |                 |                |
| 12 | RS309-MD-EVS200A   |              | 200       | 4700        | 21400       | 33              |                 |                |
| 13 | RS309-MD-EVS250A   | 5ZA          | 250       | 7700        | 34700       | 43              | 143±8           | M8<br>12±1N·m  |
| 14 | RS309-MD-EVD225A   |              | 225       | 5200        | 20300       | 39.6            |                 |                |
| 15 | RS309-MD-EVD250A   |              | 250       | 8100        | 24300       | 46              |                 |                |
| 16 | RS309-MD-EVS300A   |              | 300       | 12200       | 39600       | 54              |                 |                |
| 17 | RS309-MD-EVS350A   |              | 350       | 17000       | 72600       | 61              |                 |                |
| 18 | RS309-MD-EVS400A   | 6ZA          | 400       | 22500       | 94800       | 67              | 219±10          | M10<br>21±1N.m |
| 19 | RS309-MD-EVS450A   |              | 450       | 33800       | 140000      | 70              |                 |                |
| 20 | RS309-MD-EVS500A   |              | 500       | 41700       | 172000      | 76              |                 |                |
| 21 | RS309-MD-EVS550A   |              | 550       | 56500       | 249000      | 89              |                 |                |
| 22 | RS309-MD-EVS630A   | 5ZA          | 630       | 80000       | 339000      | 103             | 143±8           | M8<br>21±1N.m  |
| 23 | RS309-MD-EV125A    |              | 125       | 1550        | 7100        | 24              |                 |                |
| 24 | RS309-MD-EV150A    |              | 150       | 2230        | 10800       | 28              |                 |                |
| 25 | RS309-MD-EV175A    |              | 175       | 3000        | 13800       | 34              |                 |                |
| 26 | RS309-MD-EV200A    |              | 200       | 3970        | 18700       | 40              |                 |                |

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|-------------------|--------------|-----------|-------------|-------------|-----------------|-----------------|----------------|
|    |                   |              |           | 弧前Preacting | 熔断 Clearing |                 |                 |                |
| 27 | RS309-MD-EV250A   | 6ZA          | 250       | 7400        | 34200       | 44              | 219±10          | M10<br>21±1N.m |
| 28 | RS309-MD-EV300A   |              | 300       | 10700       | 49000       | 48              |                 |                |
| 29 | RS309-MD-EV350A   |              | 350       | 15900       | 76800       | 65              |                 |                |
| 30 | RS309-MD-EV400A   |              | 400       | 20500       | 94300       | 73              |                 |                |
| 31 | RS309-MD-EV450A   | 7ZB          | 450       | 29700       | 68300       | 89              | 390±12          |                |
| 32 | RS309-MD-EV500A   |              | 500       | 39600       | 96600       | 91              |                 |                |
| 33 | RS309-MD-EV550A   |              | 550       | 49100       | 152000      | 107             |                 |                |
| 34 | RS309-MD-EV630A   |              | 630       | 62000       | 181000      | 116             |                 |                |

外形尺寸 / Dimensions(mm)

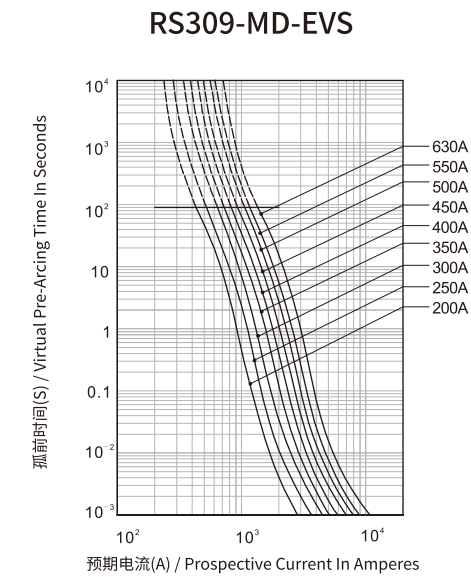
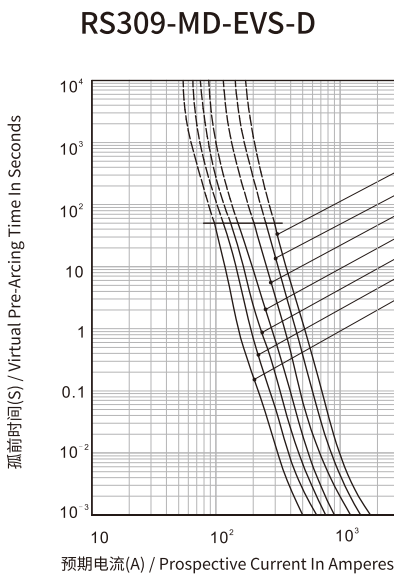
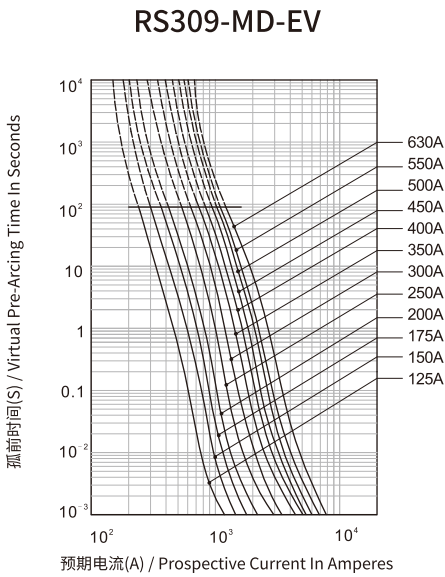
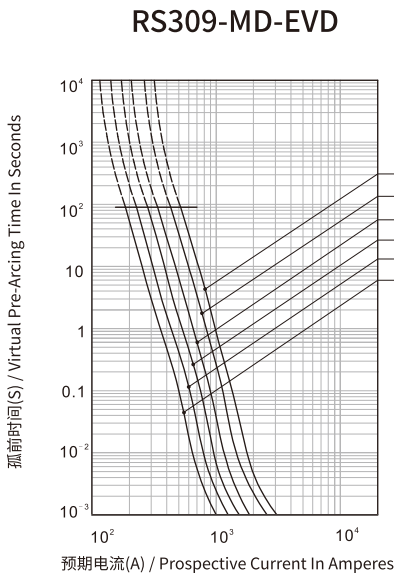


注：两触刀安装面平行度≤0.3/ Levelness of terminal blades not exceeding 0.3;

| 尺寸代码<br>Size | A±2  | B±0.5 | C±0.5 | D±1.5 | E±1.5 | F±0.5 | G±0.5 | H±0.2 |
|--------------|------|-------|-------|-------|-------|-------|-------|-------|
| 3XA          | 81   | 20    | 40    | 55    | 65    | 9     | 15    | 3.3   |
| 4ZA          | 92.2 | 24    | 53    | 68    | 77    | 9     | 18    | 3.2   |
| 5ZA          | 92.2 | 31    | 53    | 68    | 75    | 9     | 22    | 5     |
| 6ZA          | 109  | 37    | 53    | 70    | 87    | 10.5  | 25    | 6     |
| 7ZB          | 110  | 49    | 53    | 70.6  | 89.8  | 10.5  | 38    | 6     |

特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve





产品信息/General Information

○ 额定电压 / Rated Voltage

DC500V

○ 额定电流 / Rated Current

600-900A

○ 保护类别 / Utilization Category

EV

○ 分断能力 / Breaking Capacity

DC20kA

○ 时间常数 / Time Constant

2±0.5ms

○ 参考标准 / Reference Standards

IEC60269, ISO8820, GB/T31465

产品认证 / Certificates

RoHS

产品应用 / Applications



产品参数表/Product Parameter sheet

|   | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|---|-------------------|--------------|-----------|-------------|------------|-----------------|-----------------|----------------|
|   |                   |              |           | 弧前Prearcing | 熔断Clearing |                 |                 |                |
| 1 | RS309-MD-EV600A   | 7ZB          | 600       | 71200       | 249000     | 115             | 389±12          | M10<br>21±1N·m |
| 2 | RS309-MD-EV700A   |              | 700       | 103000      | 335000     | 135             |                 |                |
| 3 | RS309-MD-EV800A   |              | 800       | 159100      | 513000     | 155             |                 |                |
| 4 | RS309-MD-EV900A   |              | 900       | 218700      | 729000     | 165             |                 |                |

外形尺寸 / Dimensions(mm)

注：两触刀安装面平行度≤0.5/ Levelness of terminal blades not exceeding 0.5;

特性曲线 / Characteristic Curves

电力熔断器RS309-SERIES MF-EV

DC800V 125A-630A



产品信息/General Information

○ 额定电压 / Rated Voltage

DC800V

○ 额定电流 / Rated Current

125-630A

○ 保护类别 / Utilization Category

EV

○ 分断能力 / Breaking Capacity

DC20kA

○ 时间常数 / Time Constant

2±0.5ms

○ 参考标准 / Reference Standards

IEC60269, ISO8820, GB/T31465

产品认证 / Certificates

RoHS

产品应用 / Applications



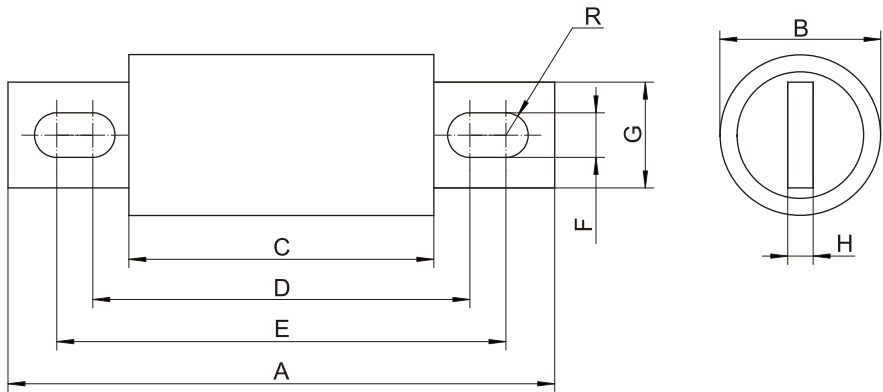
产品参数表/Product Parameter sheet

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|-------------------|--------------|-----------|-------------|------------|-----------------|-----------------|----------------|
|    |                   |              |           | 弧前Prearcing | 熔断Clearing |                 |                 |                |
| 1  | RS309-MF-EV125A   | 6TA          | 125       | 1720        | 5690       | 41              | 256±10          | M10<br>21±1N.m |
| 2  | RS309-MF-EV150A   |              | 150       | 2690        | 9100       | 49              |                 |                |
| 3  | RS309-MF-EV200A   |              | 200       | 5780        | 20000      | 62              |                 |                |
| 4  | RS309-MF-EV250A   |              | 250       | 11100       | 39200      | 66              |                 |                |
| 5  | RS309-MF-EV300A   |              | 300       | 16600       | 59900      | 78              |                 |                |
| 6  | RS309-MF-EV350A   |              | 350       | 24900       | 91800      | 87              |                 |                |
| 7  | RS309-MF-EV400A   |              | 400       | 34000       | 128000     | 97              |                 |                |
| 8  | RS309-MF-EV450A   | 7TA          | 450       | 46400       | 158000     | 118             | 447±15          | M10<br>21±1N.m |
| 9  | RS309-MF-EV500A   |              | 500       | 61100       | 208000     | 133             |                 |                |
| 10 | RS309-MF-EV550A   |              | 550       | 76200       | 273000     | 134             |                 |                |
| 11 | RS309-MF-EV630A   |              | 630       | 112200      | 381000     | 150             |                 |                |

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外形尺寸 / Dimensions(mm)

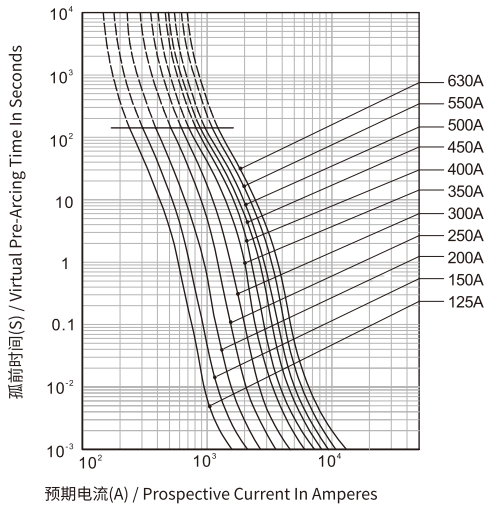


注：两触刀安装面平行度≤0.3/ Levelness of terminal blades not exceeding 0.3;

| 尺寸代码<br>Size | A±2 | B±0.5 | C±0.5 | D±1.5 | E±1.5 | F±0.5 | G±1 | H±0.2 |
|--------------|-----|-------|-------|-------|-------|-------|-----|-------|
| 6TA          | 129 | 37    | 72    | 89    | 109   | 10.5  | 25  | 6     |
| 7TA          | 129 | 49    | 72    | 89.5  | 109   | 10.5  | 38  | 6     |

特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve



产品信息/General Information

- 额定电压 / Rated VoltageDC1000V
- 额定电流 / Rated Current50-800A
- 保护类别 / Utilization CategoryEV
- 分断能力 / Breaking CapacityDC25kA
- 时间常数 / Time Constant2±0.5ms
- 参考标准 / Reference StandardsIEC60269, ISO8820, GB/T31465, JASO D622

产品认证 / Certificates



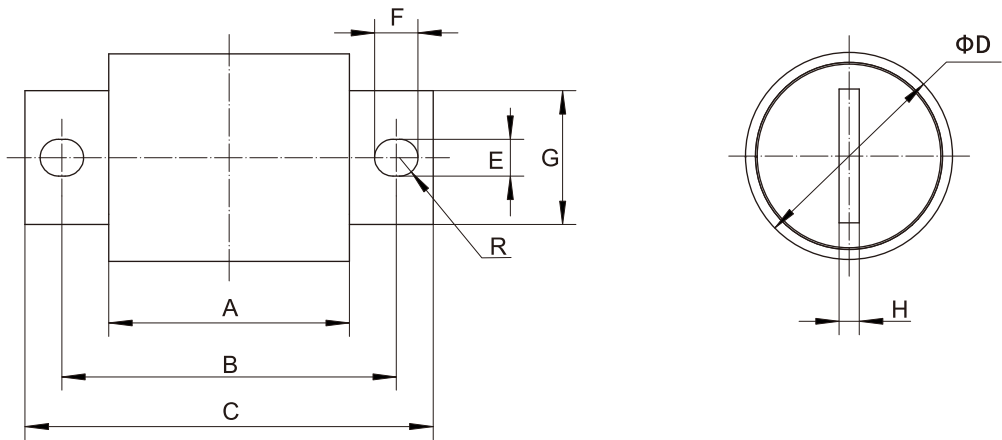
产品应用 / Applications



产品参数表/Product Parameter sheet

|    | 型号<br>Part Number | 尺寸代码<br>Size | In<br>(A) | I²t (A²s)   |            | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|----|-------------------|--------------|-----------|-------------|------------|-----------------|-----------------|----------------|
|    |                   |              |           | 弧前Prearcing | 熔断Clearing |                 |                 |                |
| 1  | RS309-MM-EV50A    | 4TD          | 50        | 287         | 872        | 15              | 97±5            | M8<br>12±1N·m  |
| 2  | RS309-MM-EV63A    |              | 63        | 465         | 1601       | 19              |                 |                |
| 3  | RS309-MM-EV70A    |              | 70        | 607         | 1982       | 21              |                 |                |
| 4  | RS309-MM-EV80A    |              | 80        | 949         | 3100       | 24              |                 |                |
| 5  | RS309-MM-EV100A   |              | 100       | 1860        | 12000      | 30              |                 |                |
| 6  | RS309-MM-EV125A   | 5TC          | 125       | 3360        | 13000      | 33              | 175±10          |                |
| 7  | RS309-MM-EV150A   |              | 150       | 5454        | 17090      | 45              |                 |                |
| 8  | RS309-MM-EV175A   |              | 175       | 8360        | 27540      | 50              |                 |                |
| 9  | RS309-MM-EV200A   |              | 200       | 11100       | 32200      | 54              |                 |                |
| 10 | RS309-MM-EV250A   | 6TC          | 250       | 13460       | 46260      | 62.5            | 256±10          |                |
| 11 | RS309-MM-EV300A   |              | 300       | 25000       | 83000      | 75              |                 |                |
| 12 | RS309-MM-EV350A   |              | 350       | 43000       | 163000     | 87              |                 |                |
| 13 | RS309-MM-EV400A   | 7TE          | 400       | 51000       | 180300     | 96              | 447±15          | M10<br>21±1N.m |
| 14 | RS309-MM-EV450A   |              | 450       | 60590       | 192550     | 112.5           |                 |                |
| 15 | RS309-MM-EV500A   | 8TC          | 500       | 75240       | 219200     | 125             | 670±15          |                |
| 16 | RS309-MM-EV550A   |              | 550       | 95760       | 258500     | 137.5           |                 |                |
| 17 | RS309-MM-EV600A   |              | 600       | 113970      | 365400     | 150             |                 |                |
| 18 | RS309-MM-EV700A   |              | 700       | 149630      | 435560     | 175             |                 |                |
| 19 | RS309-MM-EV800A   |              | 800       | 209000      | 545000     | 200             |                 |                |

外形尺寸 / Dimensions(mm)

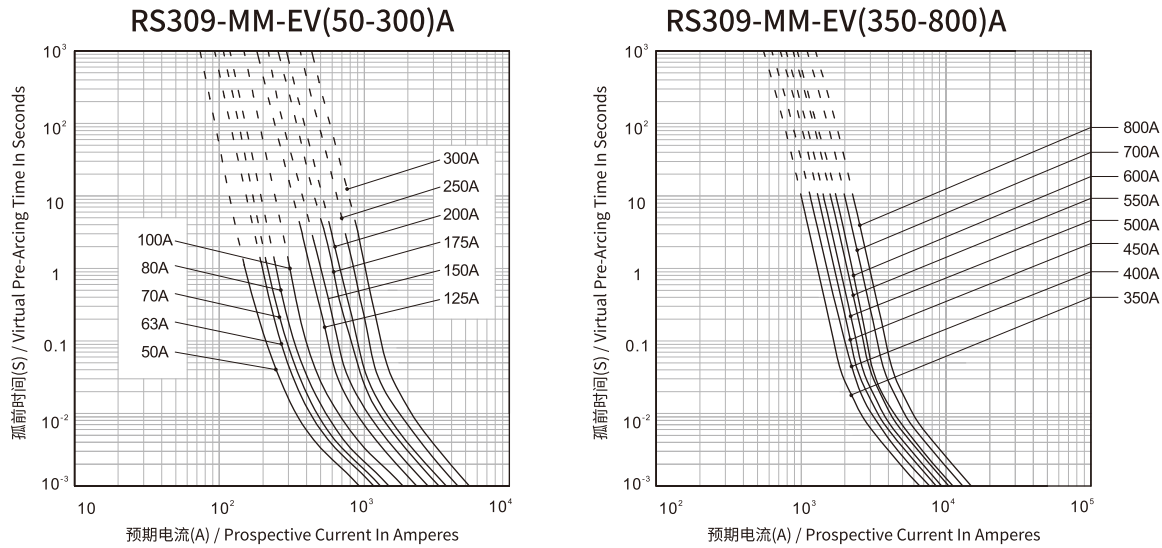


注：两触刀安装面共面度≤0.5/ Levelness of terminal blades not exceeding 0.5;

| 尺寸代码<br>Size | A±0.8 | B±1.5 | C±2 | D±0.8 | E±0.5 | F±0.5 | G±0.8 | H±0.2 |
|--------------|-------|-------|-----|-------|-------|-------|-------|-------|
| 4TD          | 72    | 91.5  | 111 | 24    | 9     | 13.45 | 18    | 3.2   |
| 5TD          | 72    | 90.5  | 111 | 31    | 9     | 12.5  | 22    | 5     |
| 6TC          | 72    | 99    | 129 | 37    | 10.5  | 20.5  | 25    | 6     |
| 7TE          | 72    | 99    | 129 | 49    | 10.5  | 20    | 38    | 6     |
| 8TC          | 72    | 100   | 122 | 62    | 11    | 13    | 40    | 6     |

特性曲线 / Characteristic Curves

◎ 时间-电流特性曲线 /Time-Current Curve



产品信息/General Information

- 额定电压 / Rated Voltage DC1000V
- 额定电流 / Rated Current 10-50A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC20kA
- 时间常数 / Time Constant 2±0.5ms
- 参考标准 / Reference Standards JASO D622, ISO8820, GB/T31465

产品认证 / Certificates



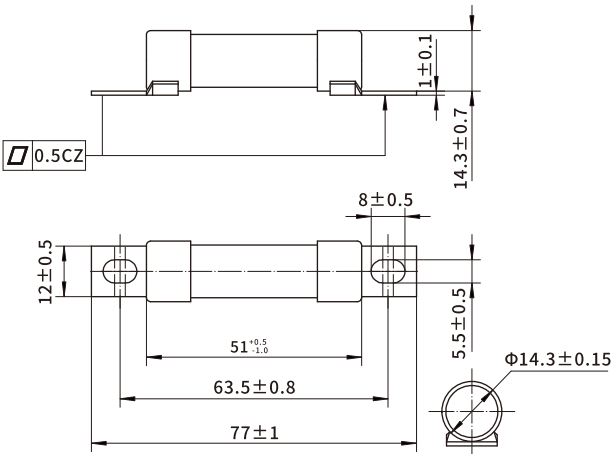
产品应用 / Applications



产品参数表/Product Parameter sheet

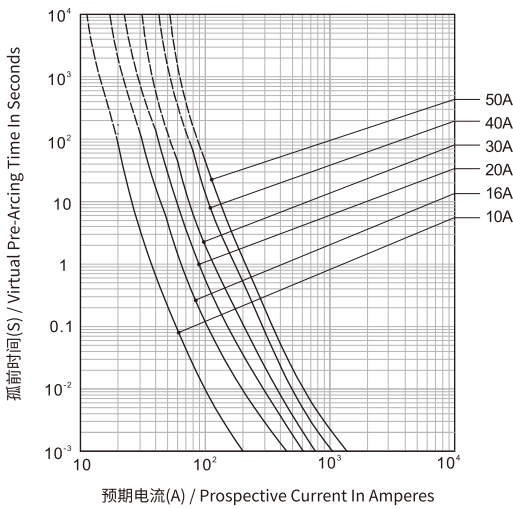
|   | 型号<br>Part Number | In<br>(A) | I²t(A²s)    |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|---|-------------------|-----------|-------------|-------------|-----------------|-----------------|----------------|
|   |                   |           | 弧前Prearcing | 熔断 Clearing |                 |                 |                |
| 1 | EVEELB-10         | 10        | 7           | 91          | 3.5             | 30±10           | M5<br>4.5±1N·m |
| 2 | EVEELB-16         | 16        | 29          | 286         | 4.5             |                 |                |
| 3 | EVEELB-20         | 20        | 82          | 709         | 5               |                 |                |
| 4 | EVEELB-30         | 30        | 209         | 1445        | 7               |                 |                |
| 5 | EVEELB-40         | 40        | 553         | 1798        | 8               |                 |                |
| 6 | EVEELB-50         | 50        | 1060        | 4590        | 10.5            |                 |                |

外形尺寸 / Dimensions(mm)



注：两触刀安装面共面度≤0.5/ Levelness of terminal blades not exceeding 0.5;

特性曲线 / Characteristic Curves





产品信息/General Information

- 额定电压 / Rated Voltage DC1000V
- 额定电流 / Rated Current 32-100A
- 保护类别 / Utilization Category EV
- 分断能力 / Breaking Capacity DC25kA
- 时间常数 / Time Constant  $2 \pm 0.5\text{ms}$
- 参考标准 / Reference Standards ISO8820, GB/T31465

产品认证 / Certificates



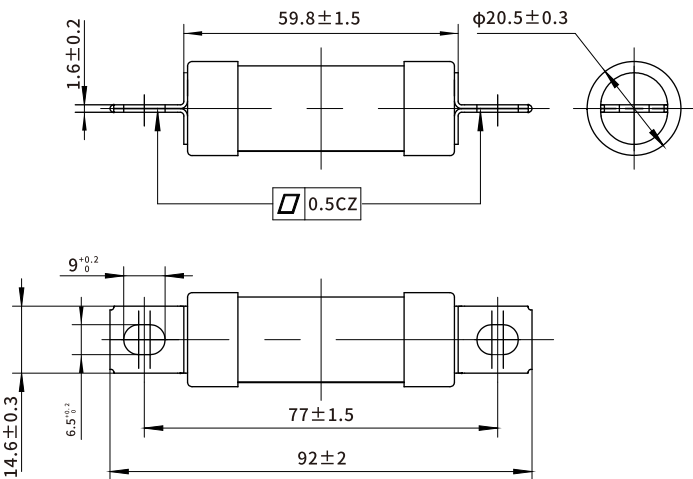
产品应用 / Applications



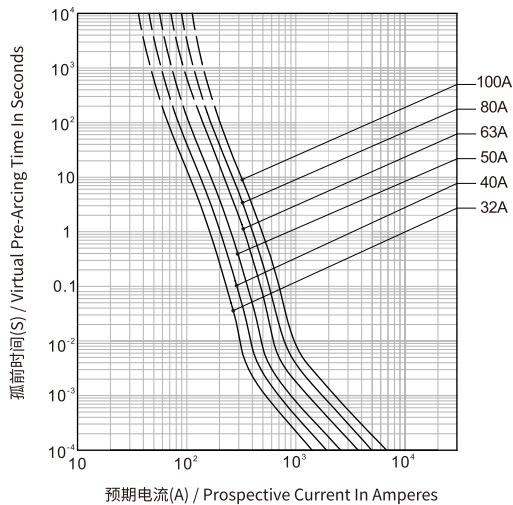
产品参数表/Product Parameter sheet

|   | 型号<br>Part Number | In<br>(A) | I <sup>2</sup> t (A <sup>2</sup> s) |             | Loss@ In<br>(W) | 重量<br>Weight(g) | 安装<br>Mounting |
|---|-------------------|-----------|-------------------------------------|-------------|-----------------|-----------------|----------------|
|   |                   |           | 弧前Prearcing                         | 熔断 Clearing |                 |                 |                |
| 1 | EVEGM-32          | 32        | 139                                 | 1032        | 8.9             | 62±5            | M6<br>6±1 N·m  |
| 2 | EVEGM-40          | 40        | 194                                 | 1441        | 11.8            |                 |                |
| 3 | EVEGM-50          | 50        | 313                                 | 2321        | 14.5            |                 |                |
| 4 | EVEGM-63          | 63        | 576                                 | 4126        | 17.2            |                 |                |
| 5 | EVEGM-80          | 80        | 1036                                | 7673        | 20.4            |                 |                |
| 6 | EVEGM-100         | 100       | 1752                                | 12967       | 24.6            |                 |                |

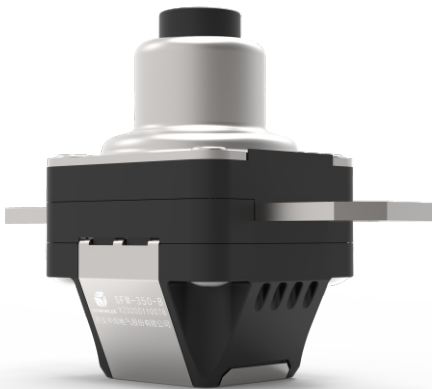
外形尺寸 / Dimensions(mm)



特性曲线 / Characteristic Curves



注：两触刀安装面共面度≤0.5/ Levelness of terminal blades not exceeding 0.5;



产品信息/General Information

- 额定电压 / Rated Voltage DC500V
- 分断能力 / Breaking Capacity 12kA/20μH
- 动作时间 / Action Time < 2 ms
- 参考标准 / Reference Standards LV124

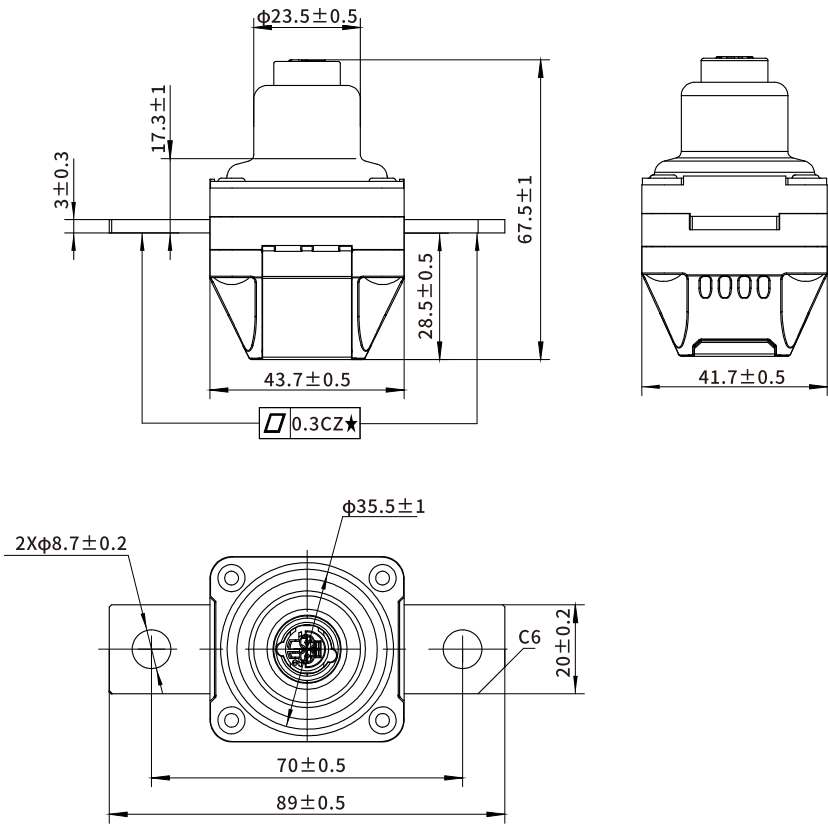
产品认证 / Certificates



产品应用 / Applications



外形尺寸 / Dimensions(mm)



激励熔断器 **SFM-400-EB**

DC500V

产品信息/General Information

- 额定电压 / Rated Voltage DC500V
- 分断能力 / Breaking Capacity 16kA/20μH
- 动作时间 / Action Time <2 ms
- 参考标准 / Reference Standards LV124

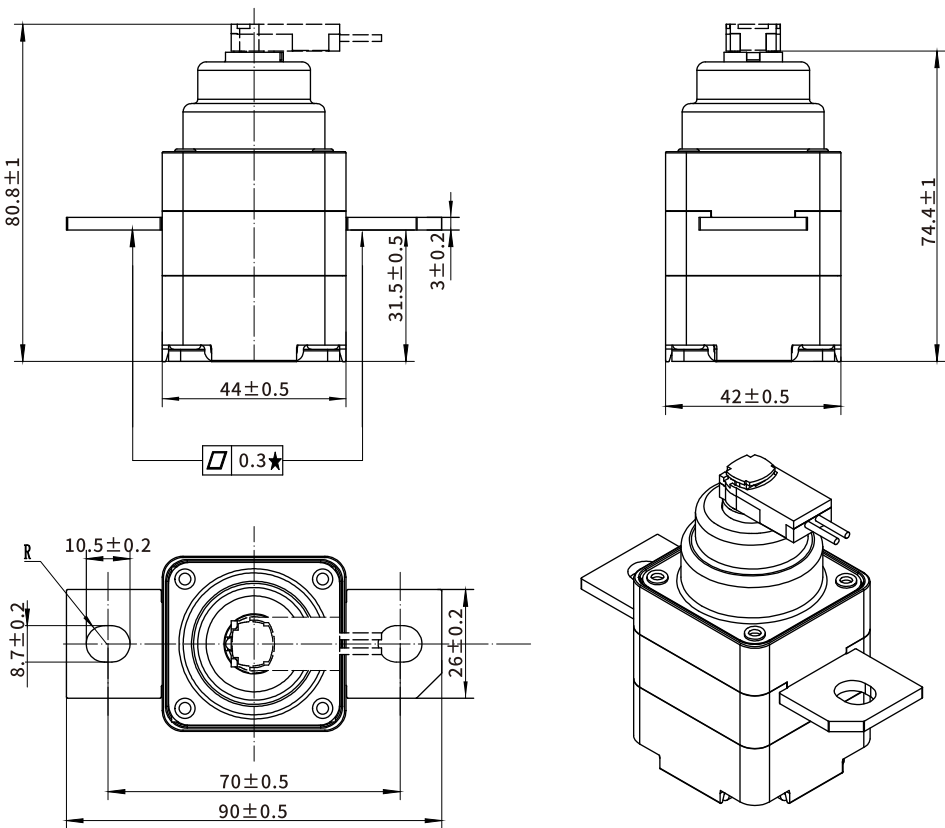
产品认证 / Certificates



产品应用 / Applications



外形尺寸 / Dimensions(mm)



激励熔断器 **SFH-400-B**

DC1000V

产品信息/General Information

- 额定电压 / Rated Voltage DC1000V
- 分断能力 / Breaking Capacity 16kA/30μH
- 动作时间 / Action Time <3 ms
- 参考标准 / Reference Standards LV124

产品认证 / Certificates



产品应用 / Applications



外形尺寸 / Dimensions(mm)

