

# ANS-36 Bolt-on-Fuses

## SPECIFICATION



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## 一，产品用途/product Application

本系列保险丝用于各种中大功率电气线路的过载和短路保护，比如汽车空调，摩托车，电动车的电路保护。本保险丝可以直接与母线连接省去一个保险丝底座，也可以将保险丝安装于固定好的保险丝底座上， 这样方便拆卸换保险丝。改变接口尺寸和形状可以满足不同客户的特殊需要。

the fuses shown are for in motor vehicles, automobile air-conditioning system, Electric Vehicle to protect electrical wiring and vehicles. This standard is for the construction shown and is not intended to restrict the design and use of other configurations and materials capable of meeting the vehicle requirements.

## 二，产品特性/Product Feature

1，当被保护电路发生异常或短路或过载严重时，本保险丝将会及时熔断， 达到保护被保护电气电路的目的，熔断后不可恢复， 需要更换新保险丝继续工作。

A fuse offers a bolt-on space saving fuse for high current wiring protection. This action is to be nonreversible and the fuse is intended to be replaced after the circuit malfunction has been corrected.

2，熔断能力 Interrupting Rating: 1000A @ 70VDC

3，额定电压 Voltage Rating: Below 70VDC

- 4, 工作温度 Operating Temperature Range:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- 5, 壳体材料 Housing Material: PA
- 6, 熔断金属 Terminal: Tin plated Copper
- 7, 安装扭力 Mounting Torque M5:  $4.5\text{ Nm} \pm 1\text{ Nm}$
- 8, 安装扭力 Mounting Torque M6:  $6.0\text{ Nm} \pm 1\text{ Nm}$
- 9, 壳体可选印电流 Case can be printed the current code

### 三, 熔断特性/ Functional Characteristics

| 测试电流<br>Test Current | Opening Time 30A~125A 熔断时间 30A-125A 规格 |         | Opening Time 150A~200A 熔断时间 150A-200A 规格 |      |
|----------------------|----------------------------------------|---------|------------------------------------------|------|
|                      | Min.                                   | Max.    | Min.                                     | Max. |
| 100%                 | 100 hrs.                               | ---     | ---                                      | ---  |
| 110%                 | 4 hrs.                                 | ---     | ---                                      | ---  |
| 150%                 | 90 s                                   | 3,600 s | ---                                      | ---  |
| 200%                 | 3 s                                    | 100 s   | 1 s                                      | 15 s |
| 300%                 | 0.3 s                                  | 3 s     | ---                                      | ---  |
| 350%                 | ---                                    | ---     | 0.3 s                                    | 5 s  |
| 500%                 | 0.1 s                                  | 1 s     | ---                                      | ---  |

备注: 根据使用条件的不同, 以上特性也会相应的变化。

**Remark: Characteristics of fuses according to use conditions may change.**

#### 四， 产品适应标准/ Complies Standard

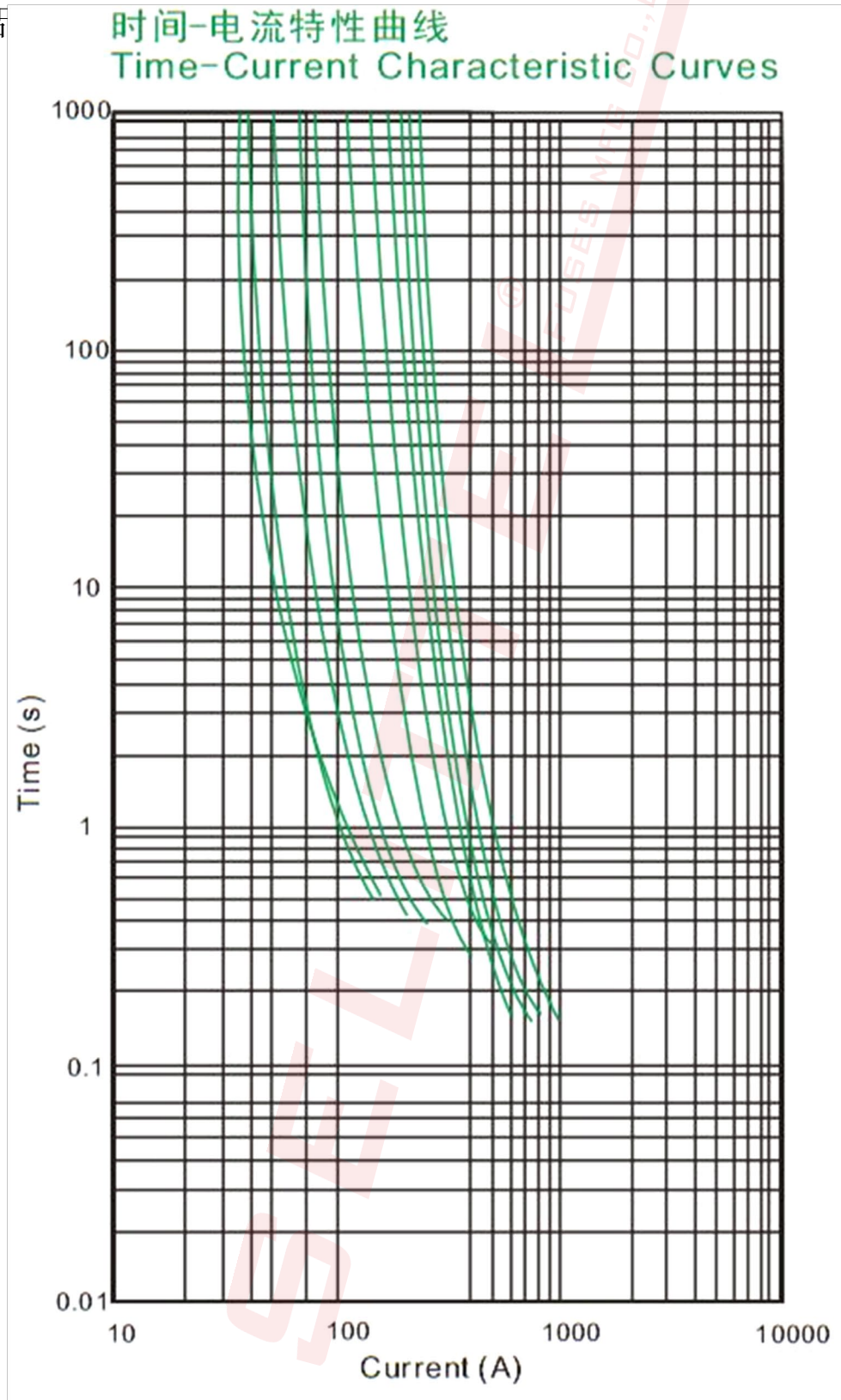
ISO 8820-5:2003,

UL 248 Special Purpose Fuses

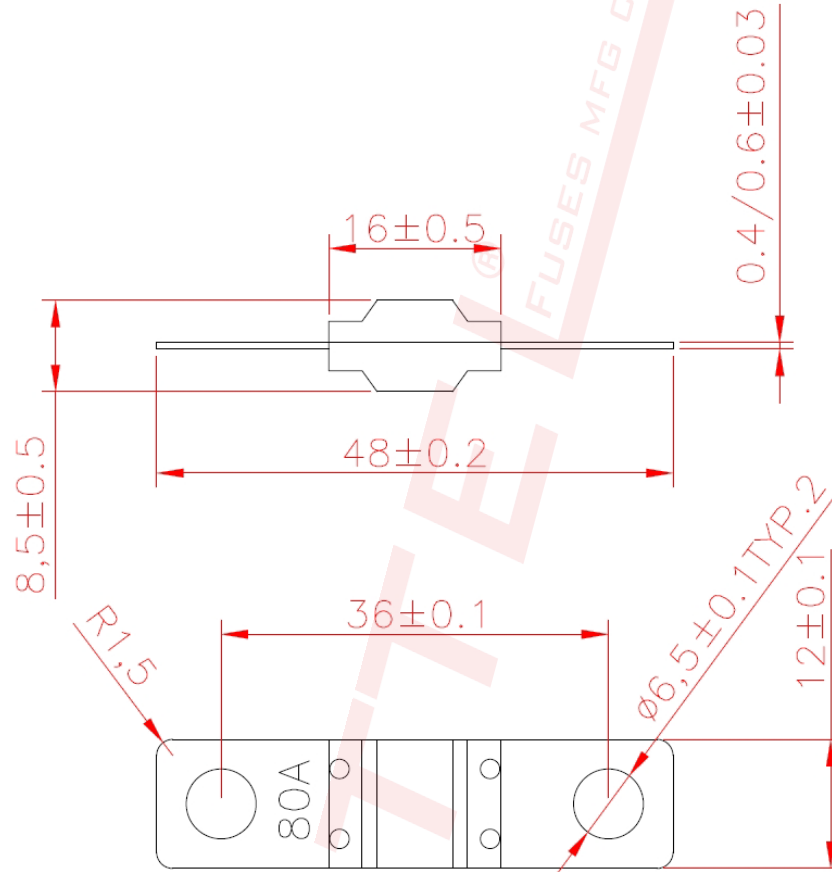
#### 五， 产品壳体颜色对照表/Case color/current rating list

| Assembly P/N | Case color | Cold resistance<br>$R \pm 10\% \text{ m}\Omega$ | Current &<br>Voltage Rating |
|--------------|------------|-------------------------------------------------|-----------------------------|
| ANS-36-030   | Black      | 1.7                                             | 30A70V                      |
| ANS- 36-040  | Black      | 1.25                                            | 40A70V                      |
| ANS- 36-050  | Black      | 0.9                                             | 50A70V                      |
| ANS- 36-060  | Black      | 0.6                                             | 60A70V                      |
| ANS- 36-070  | Black      | 0.55                                            | 70A70V                      |
| ANS- 36-080  | Black      | 0.57                                            | 80A70V                      |
| ANS- 36-100  | Black      | 0.45                                            | 100A70V                     |
| ANS- 36-125  | Black      | 0.35                                            | 125A70V                     |
| ANS- 36-150  | Black      | 0.25                                            | 150A70V                     |
| ANS- 36-175  | Black      | 0.22                                            | 175A70V                     |
| ANS- 36-200  | Black      | 0.2                                             | 200A70V                     |

## 六、产品



## 六， 产品尺寸图/Size drawing



## 八， 包装/packing

100PCS/Bag

100 个装一个胶袋



PE 235X175X0.08MM

500PCS/small box

500 个一小盒



218x174X102MM K6K

4000PCS/Carton

4000 个一箱



395x230x340 K=K