

Fast Acting Fuse for DC Application

ST380801 Series

Description

- Fast Acting fuse for DC Application
- Stud-mount, optional for other installation
- 800Vdc/700Vdc ideal for EV or HEV application
- Excellent DC performance
- Special designed fuse base for vehicle situation

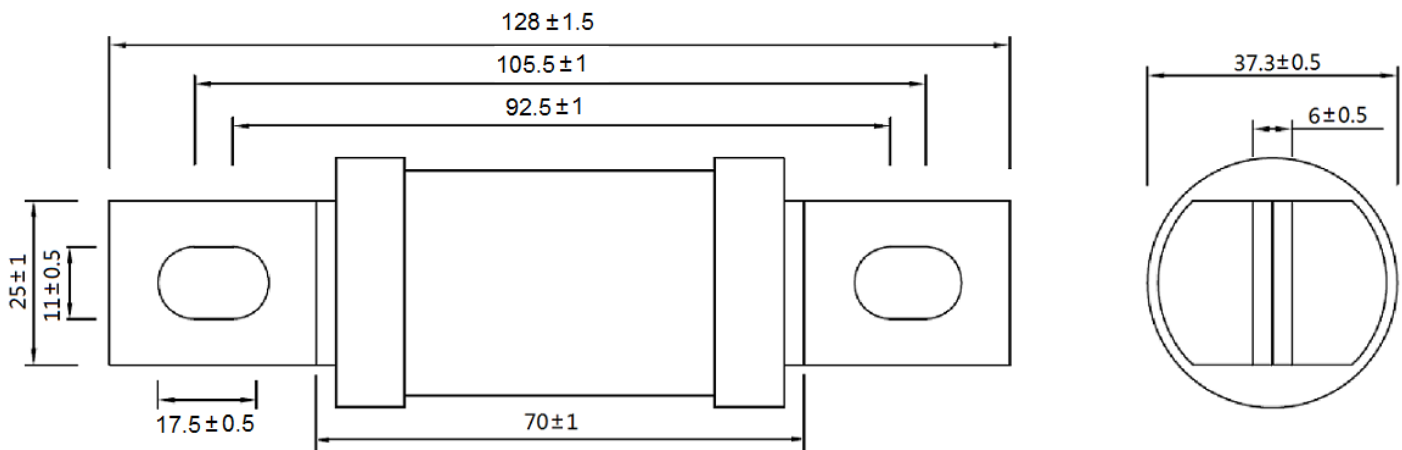
Specifications

| Ordering P/N | Electrical Characteristics | | | |
|--------------|----------------------------|---------------------|-----------------------|----------------------|
| | Rated Current (A) | Rated Voltage (DCV) | Breaking Capacity (A) | 1.0In Power loss (W) |
| ST380801-150 | 150A | 800V | 20KA | 32 |
| ST380801-200 | 200A | | | 42 |
| ST380801-250 | 250A | | | 45 |
| ST380801-300 | 300A | | | 50 |
| ST380801-350 | 350A | | | 65 |
| ST380801-400 | 400A | | | 73 |
| ST380801-450 | 450A | 700V* | 20KA | 80 |

* For 450A, The Test Voltage is 800Vdc/20KA

Dimension (mm)

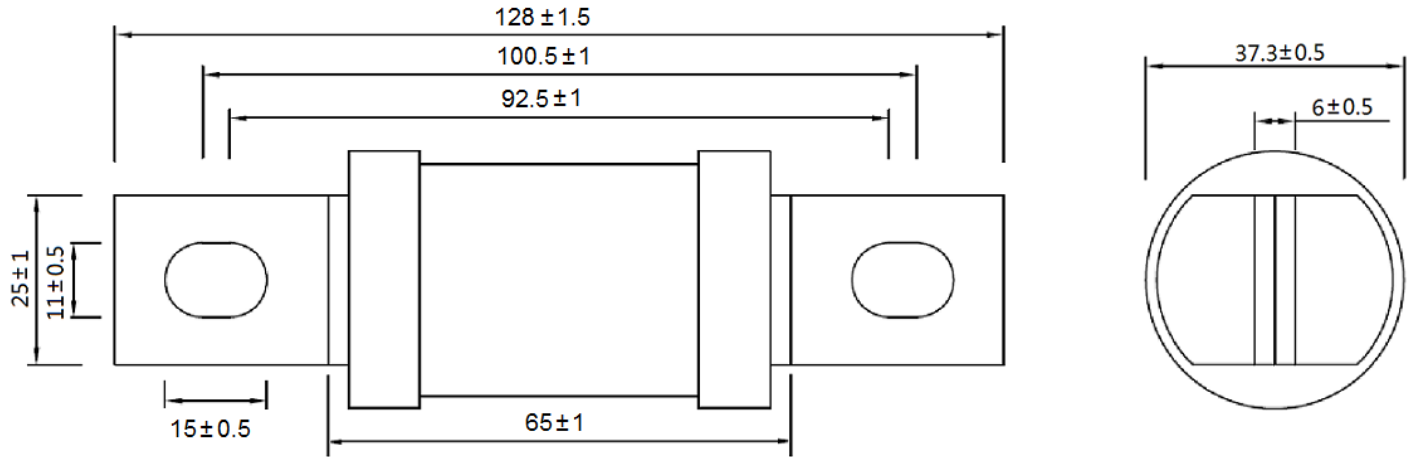
150A-400A dimensions



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450A dimensions



Transportation and Storage

During transportation and storage, should avoid water seepage and mechanical damage

Conditions for operation in service

Where the following conditions apply, fuses complying with this standard are deemed capable of operating satisfactorily without further qualification.

Normal temperature: -5°C to 40°C;

The altitude of the site of installation of the fuses does not exceed 2 000 m above sea level;

The air is clean and its relative humidity does not exceed 50 % at the maximum temperature of 40°C;

Higher relative humidities are permitted at lower temperatures, e.g. 90 % at 20°C;

Under these conditions, moderate condensation may occasionally occur due to variation in temperature.

For operation condition other than above, please contact manufacturer.

Vibration

Meet JASO D622:2006 Section 6.3.3 Vibration durability test requirement, can be use on Electrical Vehicle application

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Temperature Re-Rating Curve

