



APEXON SOLUTIONS LLC

TECHNICAL DOCUMENTATION SERVICES

PRINT-READY TECHNICAL DATA SHEET

## PRODUCT OVERVIEW

The Sinofuse RS309-MD EVS 100A-D is a specialized high-speed bolt-on fuse designed for the rigorous circuit protection requirements of electric vehicle (EV) power systems and DC energy storage. Engineered with a high interrupting capacity of 20kA, this fuse provides rapid isolation of electrical faults to safeguard sensitive power electronics and battery modules.

## TECHNICAL SPECIFICATIONS

Product ID (MPN): RS309-MD EVS 100A-D

Manufacturer: Xi'an Sinofuse Electric Co., Ltd.

Rated Current: 100A

Rated Voltage: 500V DC

Interrupting Rating: 20kA

Internal Resistance: 0.902 mΩ (at 20°C)

Mounting Configuration: Bolt-on / Stud Mount

Standards Compliance: GB/T 31465, ISO 8820

Certifications: CE, RoHS Compliant

## APEXON COMPLIANCE & USAGE DISCLAIMER

This Technical Data Sheet is prepared by Apexon Solutions LLC for informational purposes only. While technical data is derived from manufacturer specifications, Apexon Solutions LLC does not warrant the accuracy of external engineering values. Users are

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responsible for verifying electrical compatibility within their specific system architecture prior to installation. Apexon Solutions LLC shall not be liable for any damages resulting from improper installation or component failure.