



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

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Product Identification

Manufacturer / Brand: Sinofuse

Model / MPN: RSZ307-1-TMZ-N

Description: High-capacity, high-speed semiconductor fuse designed for robust protection in DC power systems, electric vehicle infrastructure, power conversion equipment, and battery arrays.

Technical Specifications

Model / MPN: RSZ307-1-TMZ-N

Manufacturer / Brand: Sinofuse

Rated Current: 630A

Rated Voltage: 250VDC

Utilization Category: aR (Ultra-fast Semiconductor Protection)

Breaking Capacity: 50kA

Standards: IEC 60269, UL 248

Certifications: TÜV, CE, RoHS

Application Focus: Electric Vehicle Infrastructure / DC Power Systems

Operational Speed: Ultra-fast Clearing

Disclaimer: This technical summary is compiled by Apexon Solutions LLC for reference and sourcing purposes only. While we strive for absolute accuracy, verify critical

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dimensions for specific applications. Independent distributor.