



Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

Date Compiled: May 23, 2024

Product Identification

Manufacturer / Brand: Sinofuse

Model / MPN: RSZ307-1-TMZ-N

Description: Heavy-duty high-speed semiconductor fuse engineered for superior protection of high-power DC circuits, large-scale battery energy storage systems (BESS), power converters, and industrial motor drives.

Technical Specifications

Model / MPN: RSZ307-1-TMZ-N

Manufacturer / Brand: Sinofuse

Rated Current: 800A

Rated Voltage: 250VDC

Utilization Category: aR (High Speed Semiconductor Protection)

Breaking Capacity: 50kA

Body Material: High-grade Ceramic

Terminal Material: Silver-plated Copper

Standards Compliance: IEC 60269, UL 248

Application: Battery Energy Storage, Power Converters, Industrial Drives

Protection Type: High-Energy Fault Current Safeguard

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