



## 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: High-speed semiconductor fuse engineered for DC power systems and industrial electronic component protection. Features rapid short-circuit interruption for power semiconductors and battery circuits.

### Technical Specifications

Model / MPN: RSZ307-1-TMZ-N

Manufacturer / Brand: Sinofuse

Rated Current: 315A

Rated Voltage: 250VDC

Utilization Category: aR (Partial-range semiconductor protection)

Breaking Capacity: 50kA

Standards Compliance: IEC 60269, UL 248

Application Context: DC Power Systems, Industrial Electronics, Battery Protection

Operational Characteristic: High-Speed Fast-Acting

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