

AC Fuse Base

This AC fuse base is designed to protect electrical circuits from overload and short-circuits. It is constructed with high-quality materials for safe and reliable usage.



ADDITIONAL IMAGES



Product Overview

High-Performance AC Fuse Base

This AC fuse base series is engineered for robust electrical protection in transmission and distribution systems, supporting rated voltages up to 690V and currents up to 125A. It provides reliable defense against overloads and short circuits for electrical circuits, semiconductor devices, and electric motors. Built with high-strength porcelain or epoxy glass and a flame-retardant resin shell, it ensures safe operation and easy installation in diverse industrial environments.

Technical Ratings

PRODUCT DESCRIPTION

AC FUSE

IP20



Detailed view of the IP20 rated housing and robust rivet hole construction for secure mounting.

Key Performance Metrics

690 V

Max Rated Voltage

125 A

Max Rated Current

100 kA

Breaking Capacity

Ingress Protection

IP20

Rated Frequency

50 Hz

Compliance & Standards

International Standards

IEC 60269, GB13539.1, GB/T13539.2

Application Scope

Protection Categories

- gG/gL: General purpose cable and line protection
- aR/gR/gS/gtr: Semiconductor device protection
- aM: Electric motor short-circuit protection

Construction Features



The high-temperature resistant resin shell offers excellent insulation and flame retardant properties for enhanced safety.

Material Composition

- Fuse Body: Pure copper, copper wire, or silver
- Fusion Tube: High-strength porcelain or epoxy glass cloth pipe
- Arc Extinguishing Medium: High-purity processed quartz sand
- Casing: High-temperature resistant flame-retardant resin

Design Advantages

Flame Retardant, High Temperature Resistant, Insulated Shell, Firm Core, Easy Installation

Model Specifications



RT18-63X series supports standard 14x51mm fuse links for industrial power distribution.

Model Parameter Reference

Common Model (gG)	Fast Model (aR)	Voltage (V)	Current (A)	Size D×L (mm)
NK52	NKS52	250	0.5~20	5×20
RT18-63X	-	690	63	14×51