

# Cylindrical Fuse Links

These cylindrical fuse links protect semiconductor parts and equipment against short circuits (aR type) and motors (aM type). They have rated voltage up to 690V, rated current up to 125A, and a rated breaking capacity up to 100kA.



## ADDITIONAL IMAGES



## Overview

### High-Performance Circuit Protection

These cylindrical fuse links are engineered for reliable protection against overloads and short circuits in electrical lines. Featuring a high-duty ceramic or epoxy glass cartridge filled with high-purity quartz sand, they ensure effective arc-extinguishing performance. Designed for versatility, these fuses support various protection classes including gG, aR, and aM, making them suitable for industrial and electronic equipment applications.

## Technical Specifications

### Electrical Ratings

**690 V**

Max Rated Voltage

**125 A**

Max Rated Current

**50 Hz**

Working Frequency

**100 kA**

Max Breaking Capacity

### Compliance Standards

IEC 60269 • GB 13539

### Protection Classes

gG (General Purpose), aR (Semiconductor Protection), aM (Motor Protection)

## Design Features

### Construction Details

- Variable cross-section fuse element made from pure metal
- High-duty ceramic or epoxy glass cartridge
- Chemically treated high-purity quartz sand arc-extinguishing medium
- Dot-welded fuse element ends for reliable electrical connection
- Optional striker availability for micro-switch activation

### Common Configuration Examples

Model Series	Voltage	Current/Dimensions
R016H	250V	Ø14.3mm
R019H	600V	Ø20.5x127mm
R019A H	600V	Ø20.5x76mm
R019C Ha	600V	Ø27x139mm