

Article Overview

High temperature resistant ceramic fuses are available from major distributors such as Mouser, DigiKey, Grainger, DirectIndustry, and Eaton, offering a wide range of ratings and formats for industrial and electronic applications.

Key Distributors and Options

Mouser Electronics offers a broad selection of ceramic cartridge fuses suitable for high-current and high-temperature applications, with datasheets and inventory available for immediate purchase .

DigiKey provides ceramic fuses for both AC and DC circuits, including fast-acting and slow-blow types. These fuses protect against overcurrent, overload, and short circuits, and are suitable for automotive, electronic, and industrial systems .

Grainger Industrial Supply stocks ceramic fuses known for high interrupting capacity and superior thermal resistance, ideal for environments where elevated temperatures or fault energy levels exceed glass fuse capabilities. They are compact, cylindrical, and reliable for demanding electrical conditions .

DirectIndustry lists industrial-grade ceramic fuses, including high voltage and high breaking capacity types. Many fuses feature porcelain tubes with excellent electrical insulation, mechanical strength, and resistance to thermal shocks, suitable for indoor and outdoor use .

Eaton (Bussmann Series) offers MDH ceramic tube fuses with high breaking capacity and surge withstanding capability. These fuses are RoHS compliant, halogen-free, and designed for transient voltage protection in harsh environments, including street lighting and industrial equipment .

Considerations for Selection

- o **Rated Current and Voltage:** Ensure the fuse matches the circuit requirements to prevent damage.
- o **Fast-Acting vs. Time-Delay:** Fast-acting fuses respond quickly to overcurrent, while time-delay fuses tolerate short surges.
- o **Compliance and Standards:** Look for RoHS, UL, IEC, or ATEX certifications for safety and regulatory compliance.
- o **Mounting Options:** Cartridge fuses can be installed in fuse holders, blocks, or with axial leads for PCB or thru-hole applications.

These distributors provide datasheets, technical support, and real-time inventory, making it easier to select the



High Temperature Resistant Ceramic Fuse Supplier

appropriate high temperature resistant ceramic fuse for industrial, electronic, or electrical projects.

Mouser offers inventory, pricing, & datasheets for Ceramic Fuses Cartridge Fuses.

Ceramic Fuse Cartridge Fuses are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Ceramic Fuse

Find Ceramic Fuse manufacturers, suppliers, dealers & latest prices from top companies in India. Buy from a wide

Thermal shock resistance High temperature environments often involve rapid temperature fluctuations, leading to thermal shock.

Find high-quality ceramic fuse 380v products from reliable suppliers. Enjoy fast blow, high-voltage, and thermal-resistant fuses for

High Temperature Ceramic Alumina Fusegear Ceramic Tubes For Cylindrical Fuse Shengda Ceramic

Choose from our selection of time-delay ceramic-tube fuses, fast-acting ceramic-tube fuses, European fuses, and more. Same and

Find here online price details of companies selling Ceramic Fuse. Get info of suppliers, manufacturers, exporters,

Source high-reliability ceramic fuses from TONFUL. We manufacture HRC, explosion-proof, fast-acting & slow-blow fuses with

Ceramic fuses are compact, cylindrical overcurrent protection devices designed for use in high-current AC and DC circuits across

Physical format (fit in fuse block) Ambient temperature derating (high under-hood temps reduce effective capacity) Load behavior

Our steatite ceramic fusegear components represent the gold standard in high-voltage circuit protection,

Ceramic Fuse - 4 pack, 300a-500a Unparalleled Heat Resistance: Unlike conventional plastic ANL fuses,

Shop DigiKey's large in-stock selection of Fuses. View inventory, pricing and order now for same day



High Temperature Resistant Ceramic Fuse Supplier

shipping!

Able to withstand current overload for a short time, these fuses will not open when exposed to harmless temporary surges. They can

Choose from our selection of thermal fuses, including fast-acting glass-tube fuses, UL Class RK5 fuses, and more. Same and Next

Web: <https://millstraining.co.za>

