

Eaton Bussmann® series ¼" (6 mm x 32 mm) fuses with wide performance options



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Extensive offering

Eaton Bussmann® series ¼" fuses carry the UL/CSA approvals across the full range of products, including higher current and high voltage ratings. These products are available in cartridge and axial leaded constructions. The high power requirements of today's end products require higher amperage and/or voltage fuses. Eaton provides fast-acting/time-delay overcurrent protection while allowing customers to shrink their design footprints.

Power conversion plays a critical role in virtually any electronic device. For example, power supplies and power adapters convert high voltage AC from the utility source to lower voltage DC often used to power today's computing, industrial, commercial, and consumer loads. Because these products are connected to higher potential fault current sources and exposed to dangerous overcurrent events, they require reliable primary circuit protection.

Packaging options

Eaton offers a variety of packaging options to meet your needs, from high-volume production to end assembly fuse replacement. These range from 5 pack tins to 100 or 1000 quantity packaging. When axial leads are required, tape and reel packaging are available for automated assembly.

Fuse accessories

To install any cartridge fuse in an application, Eaton offers an extensive range of fuse accessories to integrate the overcurrent protection device in a variety of desired positions for isolation or fuse replaceability. This includes printed circuit board fuse clips and fuse blocks, in-line and panel mount fuse holders.

RoHS compliance

All of Eaton's ¼" cartridge and axial leaded fuses are RoHS compliant. This also includes the accompanying fuse accessories by adding a "-R" suffix to the base part number; often this is standard.

Applications

- White goods
- Medical equipment
- Lighting ballasts
- Meters/readers
- UPS/server
- Telecom
- Switch Mode Power Supply (SMPS)

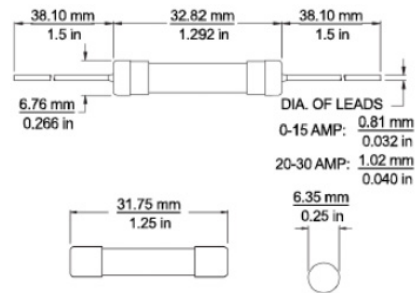


Powering Business Worldwide

1/4" Fuse family overview and quick cross reference

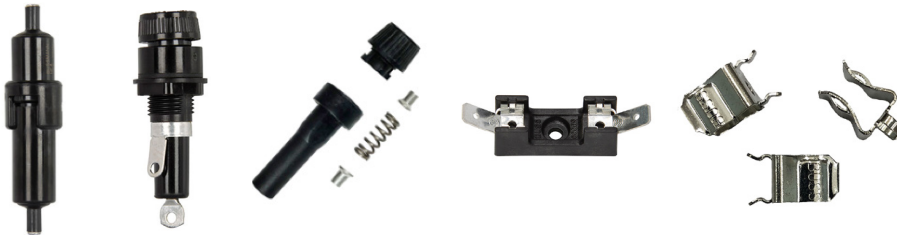
Electrical performance	Construction	Eaton/Bussmann	Competitor A	Competitor B	Competitor C
1/4" x 1-1/4" fuses					
Fast-acting	Glass; Cartridge & Axial	AGC	314		3AG/3AP
Fast-acting	Ceramic; Cartridge & Axial	ABC	312	SP	3AB/3ABP
High voltage; fast-acting	Ceramic; Cartridge & Axial	AHC ≤ 10 A	514	SHF	0ADEC/0ADEP
High voltage; fast-acting	Ceramic; Cartridge & Axial	ADC	505	SFH	0ADEC/0ADKP
High voltage; fast-acting	Ceramic; Cartridge & Axial	AHC ≥ 15 A	505	SFH	
Very fast-acting	Ceramic; Cartridge & Axial	GBB	332/322	FSF	
Time-delay	Glass; Cartridge & Axial	MDL	313	FST	3SB/3SBP
Time-delay	Ceramic; Cartridge & Axial	MDA	326	SPT	GSA/GSAP
High surge withstand	Ceramic; Cartridge & Axial	MDH	328		
Dual element time-delay	Glass; Cartridge & Axial	MDQ			

Dimensions - mm/inches



1/4" Cartridge fuse accessory reference guide

Fuse size	PCB Fuse Clip	PCB fuse holder	Panel mount holder	In-line holder	Fuseblock
1/4" x 1-1/4"	1Axxx	HBH-I; HBV-I	HTB; HKP; HVP; HTJ	HFA; HVI; HHJ	S-4000; S-8000



Tools & resources

- [Webpage](#)
- [How to select a fuse holder](#)
- [Fuse accessory selection guide](#)
- [Parametric search tool](#)
- [Contact us](#)

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