

Compact high speed fuses

CHSF — UL high speed fuse

500 Vac/dc (UL), 50 to 400 A

Description

Eaton's Bussmann® series compact high speed fuses feature space-saving case sizes for protecting semiconductor devices up to 500 Vac/dc in ratings from 50 to 400 amps.

Specifications

Ratings

- Volts:
 - 500 Vac/dc (UL)
- Amps: 50-400 A
- Interrupting rating
 - Max AC – 200 kA
 - Min AC 400%
 - Max DC – 50 kA
 - Min DC 800%

Operating class: aR

Agency information

- UL® Recognized, File E56412, Guide JFHR2
- CSA® Component Acceptance, Class 1422-30, File 53787
- IEC® aR (self certified)
- CE
- RoHS compliant
- REACH declaration available upon request

Features:

- Use up to 48% less enclosure space to help reduce the overall assembly size
- Innovative design allows for a significantly smaller package without compromising heat rise performance, preventing extensive equipment redesign
- Global acceptance with UL, CSA, IEC and RoHS for products sold worldwide
- Bolt-on design provides design flexibility for installation in fuse blocks or direct mounting on busbars
- Meets JASO D622 spec for thermal shock, humidity, and vibration
- Superior current cycling performance helps withstand demanding applications



Recommended fuse blocks

Up to 100 amps

Catalog no.	Wire size	Stud size
BH-0111	#14-2/0 Cu	1/4-20
BH-0112	#14-2/0 Cu	5/16-18
BH-0121	(2) #14-1/0 Cu	1/4-20
BH-0122	(2) #14-1/0 Cu	5/16-18
1BS101	#14-2/0 Cu	1/4-20 x 1/2

See data sheet No. 1200 (BH-01_) and No. 1206 (1BS101) for details.

Up to 400 amps

Catalog no.	Wire size	Stud size
BH-1131	#6-250 kcmil Cu	1/4-20
BH-1132	#6-250 kcmil Cu	5/16-18
1BS102	#6-250 kcmil Cu	1/4-20 x 1/2

See data sheet No. 1201 (BH-11_) and No. 1207 (1BS102) for details.

North American fuses

Accessories

Modular fuse blocks

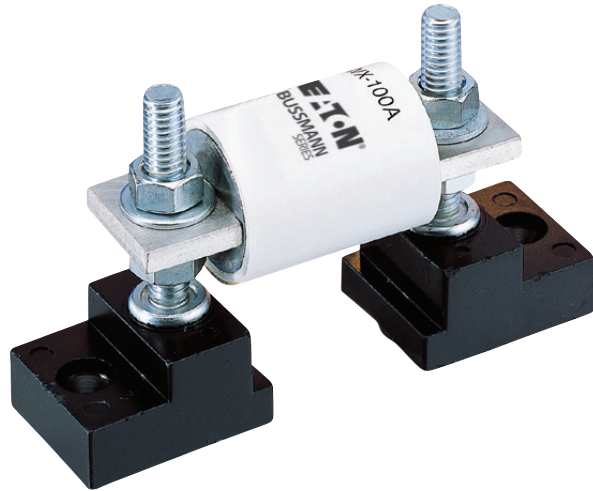
Description

Eaton's Bussmann series offer a comprehensive line of fuse blocks that provide the user with design and manufacturing flexibility. Two identical half blocks make up a Bussmann series modular fuse block. These 'split' units can be panel mounted any distance apart to accommodate any length fuse.

Stud type

The simpler design is the C5268 modular fuse block. With this design, the fuse terminal and cable (with termination) are mounted on the same stud, minimizing labor needed for installation. The stud type block is available in the configurations shown in the table below.

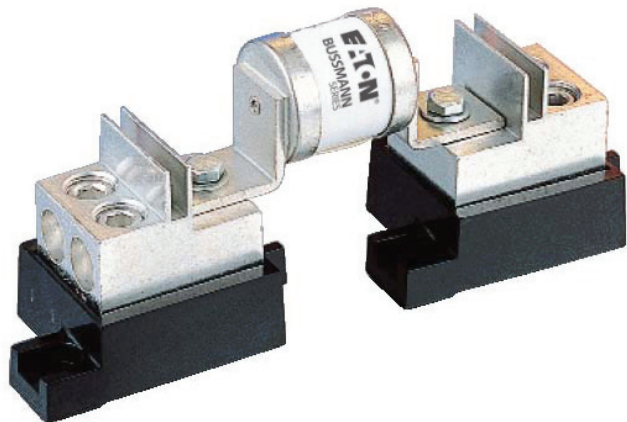
Catalog no.	Max fuse amp rating	Stud
C5268-1	200	5/16-18 x 1"
C5268-2	200	5/16-18 x 1-3/4"
C5268-3	200	5/16-18 x 3/4"
C5268-4	100	1/4-20 x 1"
C5268-5	100	1/4-20 x 1-3/4"



Connector Type

Eaton's Bussmann series also offer a modular style fuse block that utilizes a tin-plated connector for wire termination and heat dissipation), and a plated-steel stud for fuse mounting. The connector type fuse block is available in the configurations shown below. Consult your Bussmann series product representative for additional product details.

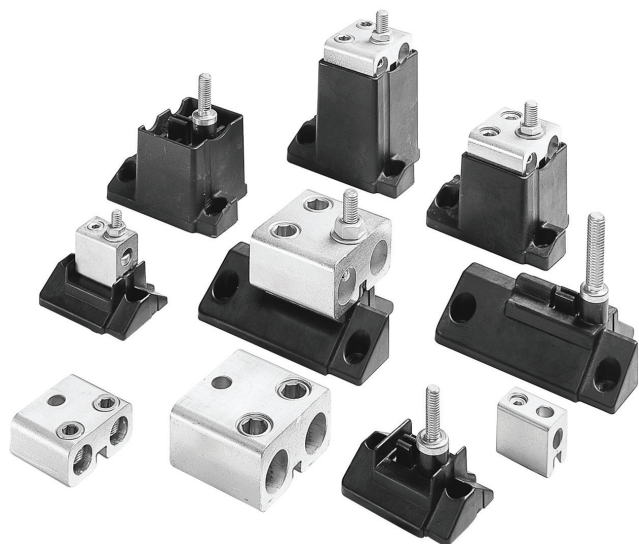
Catalog no.	Max rated voltage	Max fuse amp rating
1BS101	600	100
1BS102	600	400
1BS103	600	400
1BS104	600	600



BH

BH fuse blocks provide a wide range of mounting configurations for Bussmann series high speed semiconductors fuses. BH fuse blocks have a short-circuit current rating up to 200 kA RMS Sym.

Catalog no.	Max rated voltage	Max fuse amp rating
BH-0	700	100
BH-1	2500	400
BH-2	5000	600
BH-3	1250	700



Data sheets: 1200 (BH-0), 1201 (BH-1), 1202 (BH-2), 1203 (BH-3), 1206 (1BS101), 1207 (1BS102), 1208 (1BS103), 1209 (1BS104)