

Lead the charge with compact designs



Bussmann series 50-400 amp compact high speed fuses use up to 48% less enclosure space.



Product description:

Eaton answers the call for compact drives, power conversion and UPS equipment with our new Bussmann® series compact high speed fuses.

Our 50-400 amp fuses use up to 48% less enclosure space when compared with traditional high speed, round body fuses. What's more, the innovative design allows for a significantly smaller package without compromising heat rise performance.

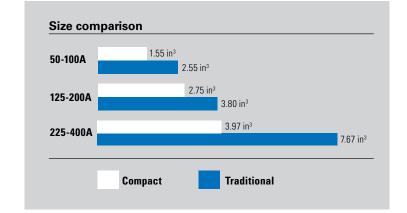
With the most compact high speed 500Vac/dc fuses in the industry, we help you achieve smaller overall equipment designs.

Features and benefits:

- Using up to 48% less enclosure space allows for a reduction in the overall size of power conversion equipment.
- Innovative design allows for a significantly smaller package without compromising heat rise performance, preventing extensive equipment redesign.
- Global acceptance with UL®, CSA® and IEC® for products sold worldwide.
- Bolt-on design provides design flexibility for installation in fuse blocks or direct mounting on busbars.



Bussmann series compact high speed fuse compared to a traditional high speed, round body fuse.





Specifications

Ratings

- Volts 500Vac/dc
- Amps 50-400A
- Interrupting rating
 - Max AC 200kA
 - Min AC 400%
 - Max DC 50kA
 - Min DC 800%
- · Conforms to IEC® aR specifications for shortcircuit protection

Agency information

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

Recommended fuse blocks

Up to 100 amps

Catalog numbers	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. $1\overline{200}$ (BH-01_) and No. 1206 (1BS101) for details.

Up to 400 amps

Catalog numbers	Wire size	Stud size		
BH-1131	#6-250kcmil Cu	1/4-20		
BH-1132	#6-250kcmil Cu	5/16-18		
1BS102	#6-250kcmil Cu	1/4-20 x 1/2		

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

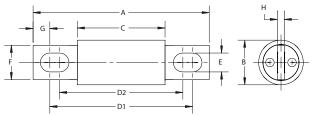


Catalog numbers:

				_	Watts loss / percent of rated current		
Catalog number	Amps	AC/DC I ² t (A ² s) pre-arcing	AC* l²t (A²s) total clear	DC** I²t (A²s) total clear	@ 80%	@ 50%	
CHSF-50	50	304	1875	935	3.8	1.3	
CHSF-60	60	438	2700	1346	4.5	1.5	
CHSF-70	70	596	3675	1833	5.3	1.8	
CHSF-80	80	778	4800	2394	6.1	2.0	
CHSF-100	100	1216	7500	3740	7.6	2.5	
CHSF-125	125	2042	12,721	6465	12.0	3.6	
CHSF-150	150	2941	18,318	9309 14.3		4.3	
CHSF-175	175	4003	24,933	12,671	16.7	5.1	
CHSF-200	200	5228	32,566	16,550 19.1		5.8	
CHSF-225	225	6835	48,028	28 21,278 26.		7.0	
CHSF-250	250	8438	59,293	26,270	29.0	7.8	
CHSF-300	300	12,151	85, 382	37,828	34.8	9.4	
CHSF-350	350	16,539	116,215	51,488	40.6	10.9	
CHSF-400	400	21,603	151,791	67,250	46.4	12.5	

^{@ 200}kA/500Vac.

Dimensions — mm:



Case size amp range	Α	В	С	D1	D2	E	F	G	Н
50-100	81	20	40	61	57	8.7	16	7.7	3.2
125-200	92	25	53	77	68	8.7	19	7.8	3.2
225-400	92	30	53	74	68	8.7	25	9.0	4.8

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^{** @ 50}kA/500Vdc.