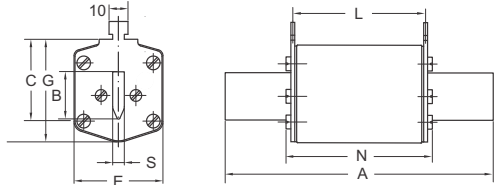


Introducing fuse-links specially designed for protection of battery storage and UPS systems. They provide better protection of battery cells on overheating in case of short circuit in comparison to standard type gG fuses.

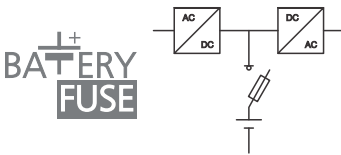
Part Number	Body Size	Ampere Rating	Voltage
000-BF020	000	20	440VDC
000-BF025	000	25	440VDC
000-BF032	000	32	440VDC
000-BF040	000	40	440VDC
000-BF050	000	50	440VDC
000-BF063	000	63	440VDC
000-BF080	000	80	440VDC
000-BF100	000	100	440VDC
00-BF125	00	125	440VDC
1-BF160	1	160	550VDC
1-BF200	1	200	550VDC
1-BF224	1	224	550VDC
1-BF250	1	250	550VDC
2-BF315	2	315	550VDC
2-BF355	2	350/355	550VDC
2-BF400	2	400	550VDC
3-BF500	3	500	550VDC
3-BF630	3	630	550VDC



- I.R.:** 30kA at 440VDC (Body Sizes 000 & 00)
- I.R.:** 30kA at 550VDC (Body Sizes 1, 2 & 3)
- Time Constant (L/R):** 10ms (Body Sizes 1, 2 & 3)
- Characteristic:** Type gS, Very Fast Acting
- Option:** Striker indicator.
- Holders (Size 000/00):** Bases (contact sales) Fuse Switch Disconnectors (p142-143)
- Holders (Size 1/2/3):** Bases (p139) Fuse Switch Disconnectors (p141-143)
- Accessories:** NH-Extractor (p150)
- Approvals:** CE IEC



SEMICONDUCTOR



Body Size	Dimensions in MM							
	A	B	C	E	G	S	L	N
000	78.5	15	35	21	43	6	47	52
00	78.5	15	35	29	49	6	47	52
1	135	24	40	46	52	6	65	73
2	150	30	48	54	61	6	65	73
3	150	37	60	64	74	6	65	73

Battery Fuses Provide Superior Protection

Short Circuit Current

- Short circuit current depending on battery model, type and capacity, low compared to operating current.
 - Short circuit current has to be interrupted in <5 seconds.
- Required steep characteristics: protection with Battery fuse link required!

Operating Current

- Operating current depends on battery storage specification.
 - Battery operation: voltage of DC link circuit decreases to the final discharge voltage.
- Consider maximum current at final discharge voltage for fuse link selection.

Battery Fuse vs. Regular gG Fuse - Performance Chart

Battery Fuse (black lines) vs. regular gG fuse (green lines). Backup time of battery storage system (t_b).

Maximum operating current (I_b). Short circuit point (I_k).

