

NH 800 V a.c. gG fuse links



Product description

Eaton's Busmann Series NH 800 Volts gG fuse links are designed to ensure cable protection up to 800 V a.c. They are also ideally suited for the cable protection on the AC side of solar string inverters with outputs up to 800 V a.c.

Standard features

- Compact design
- Standard IEC DIN style dimensions
- Low power loss
- Dual indicator feature
- Optional microswitches

Catalogue symbol

- (Amp rating)NHG(Fuse body size)B-800

Fuse size

- DIN Style NH 00, 1, 2 and 3

Technical data

- Volts: 800 V a.c.
- Amps: 2 to 315 A
- Breaking capacity: 80 kA
- Class of operation: gG

Standards/Agency information

- IEC 60269-2

Compatible microswitches

- BVL50
- 170H0235
- 170H0236

Compatible fuse bases and fuse holders

(see table below)

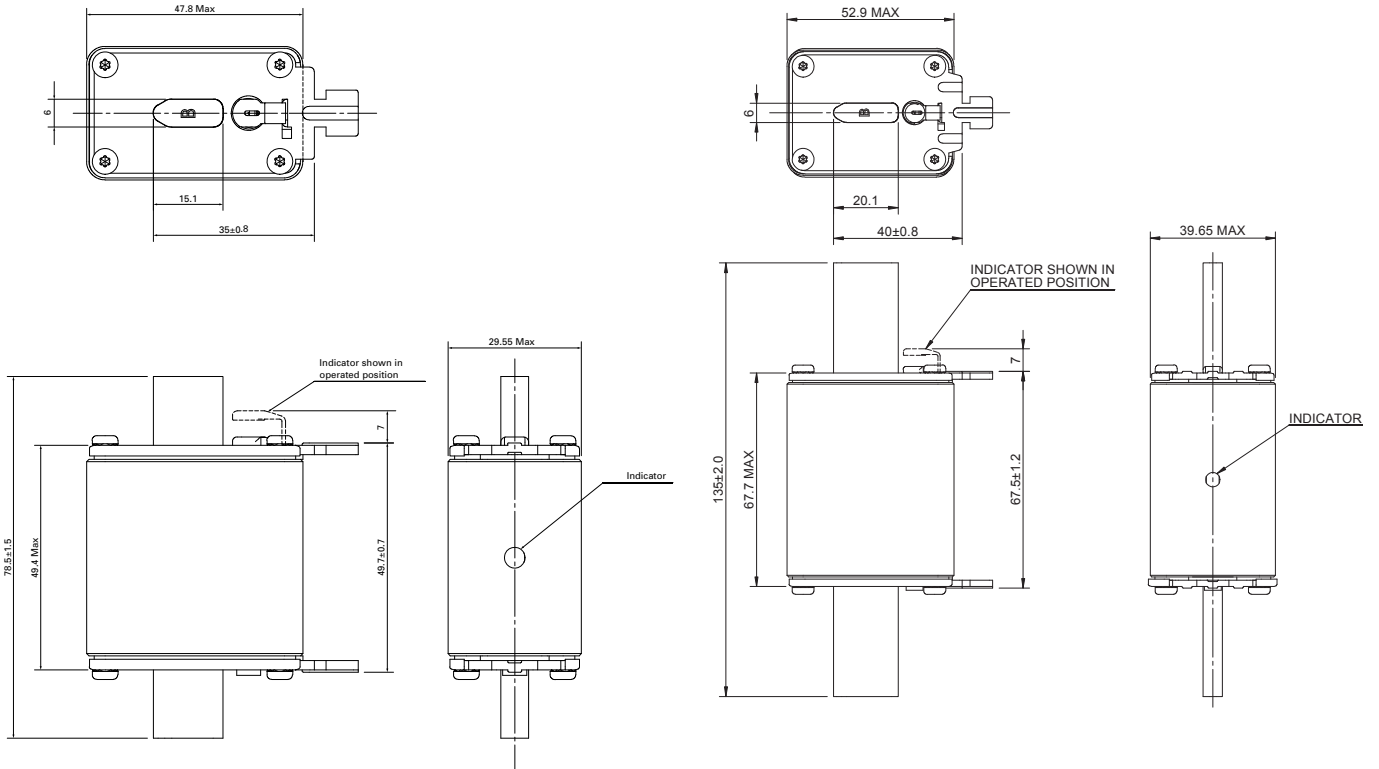
Technical data

Size	Rated current (Amps)	Rated voltage (V a.c.)	gG dual indicator		Pre-arcing I ² t (A ² s)	Total clearing I ² t 800VAC (A ² s)	Power loss at 100% In (W)	Pack quantity
			Voltage conducting metal gripping lugs					
00	2	800	2NHG00B-800		1	35	1.2	3
00	4	800	4NHG00B-800		8	50	1.3	3
00	6	800	6NHG00B-800		26	110	1.7	3
00	10	800	10NHG00B-800		58	2000	1.5	3
00	16	800	16NHG00B-800		215	2100	2.4	3
00	20	800	20NHG00B-800		350	3150	3	3
00	35	800	35NHG00B-800		1400	6000	5	3
00	40	800	40NHG00B-800		1750	7500	5.7	3
00	50	800	50NHG00B-800		3400	14,000	6.6	3
00	63	800	63NHG00B-800		5600	22,500	8.4	3
1	32	800	32NHG1B-800		1400	12,500	3.3	3
1	40	800	40NHG1B-800		2000	18,500	4.1	3
1	50	800	50NHG1B-800		3700	32,500	5.0	3
1	63	800	63NHG1B-800		5600	49,500	6.5	3
1	80	800	80NHG1B-800		6500	36,000	9.6	3
1	100	800	100NHG1B-800		11,000	59,000	11.8	3
1	125	800	125NHG1B-800		23,500	125,000	12.4	3
1	160	800	160NHG1B-800		40,000	215,000	16.50	3
2	160	800	160NHG2B-800		53,000	340,000	15.7	3
2	200	800	200NHG2B-800		86,000	390,000	18.6	3
2	250	800	250NHG2B-800		154,000	690,000	23.5	3
3	200	800	200NHG3B-800		95,000	300,000	20.3	3
3	250	800	250NHG3B-800		170,000	580,000	24.5	3
3	315	800	315NHG3B-800		400,000	1,350,000	26.2	3

Compatible fuse bases and fuse holders

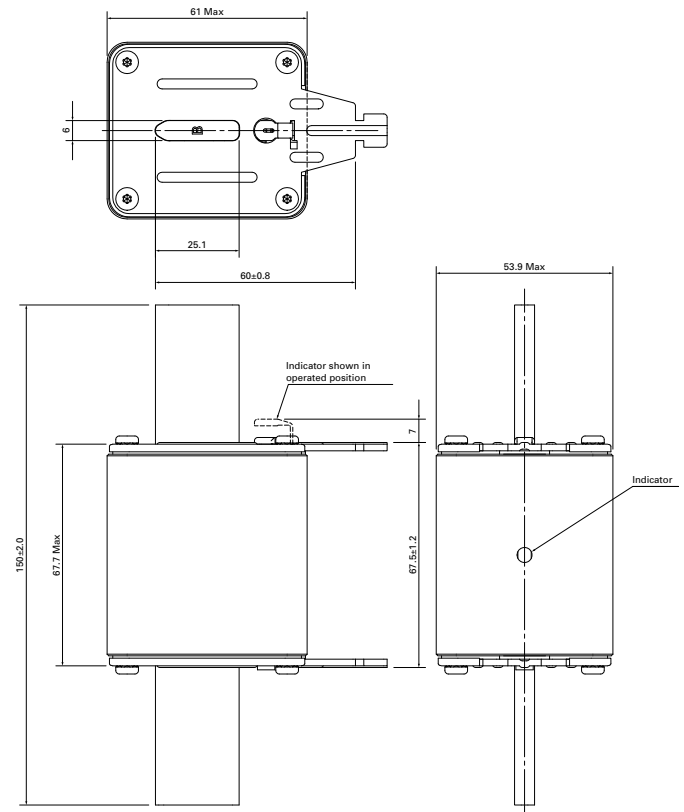
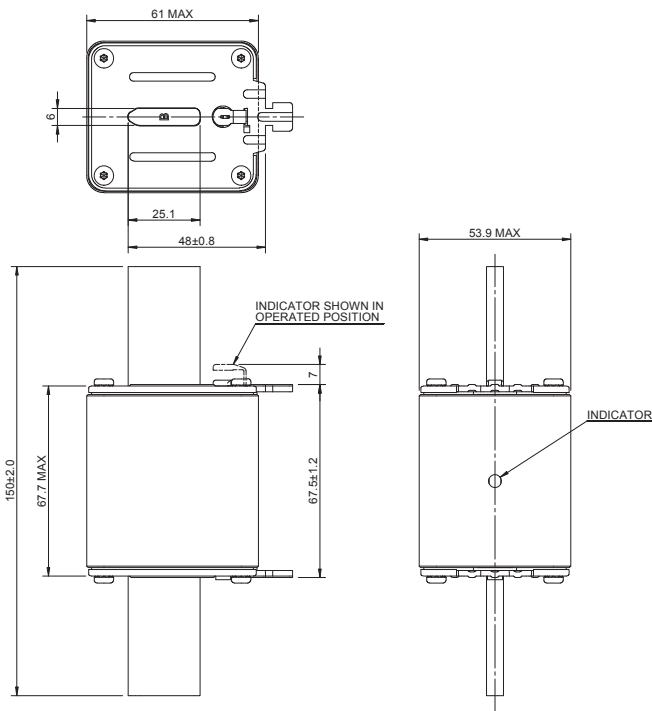
Compatible fuse bases					Compatible fuse holders		
Compatible NH Fuse link body size	Poles	Rated current (Amps)	DIN-Rail and screw mounting	Screw mounting only	DIN-Rail and screw mounting without anti-rotation terminal	Article number	Part number
1	1-pole	160	SD1-D-800	SD1-S-800	SD1-DA-800	179756	NHW-SLS-1
2	1-pole	250	SD2-D-800	SD2-S-800	SD2-DA-800	179757	NHW-SLS-2
3	1-pole	315	SD3-D-800	SD3-S-800	SD3-DA-800	179758	NHW-SLS-3

NH Fuse links dimensions - mm



Size 00

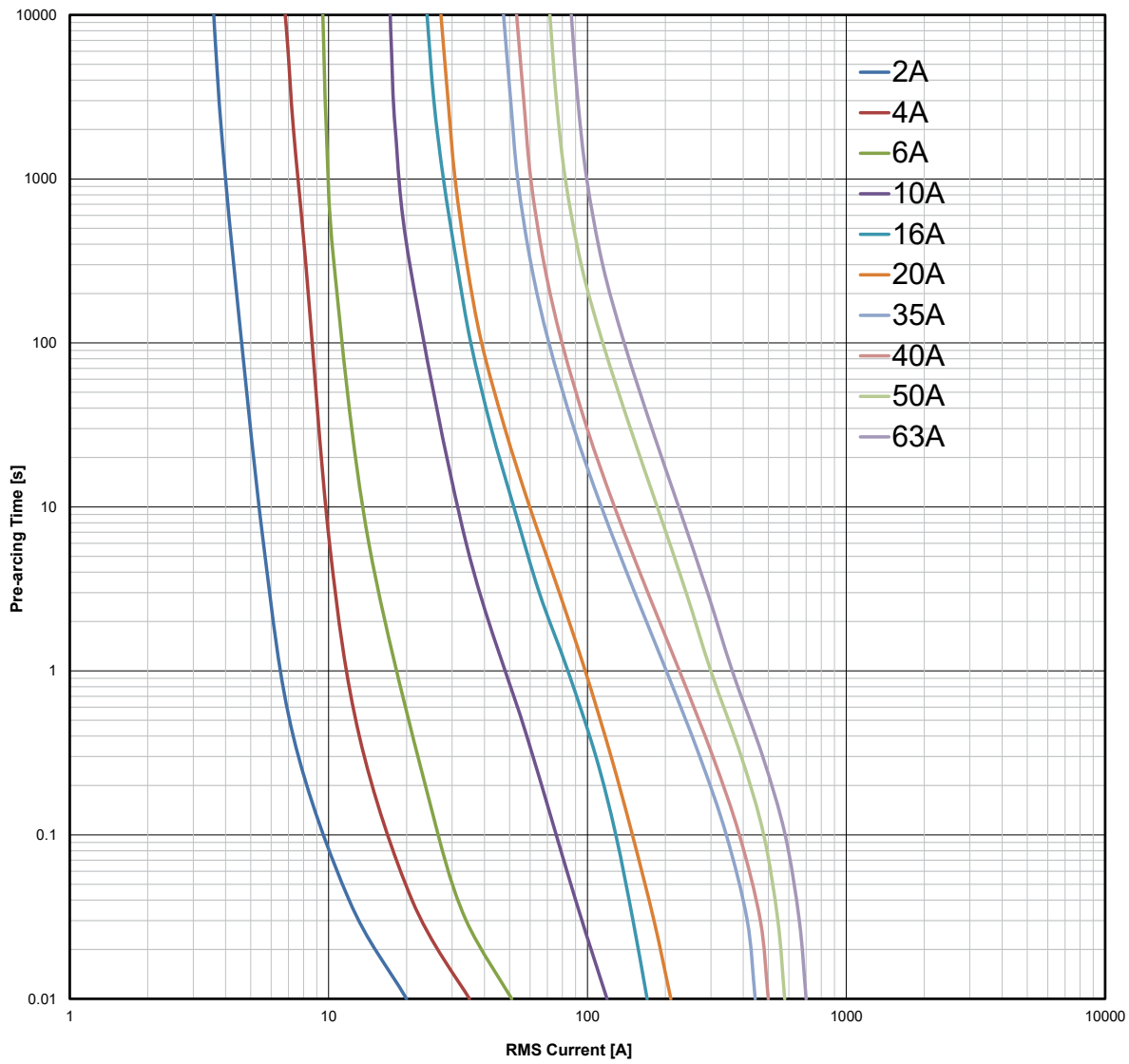
Size 1



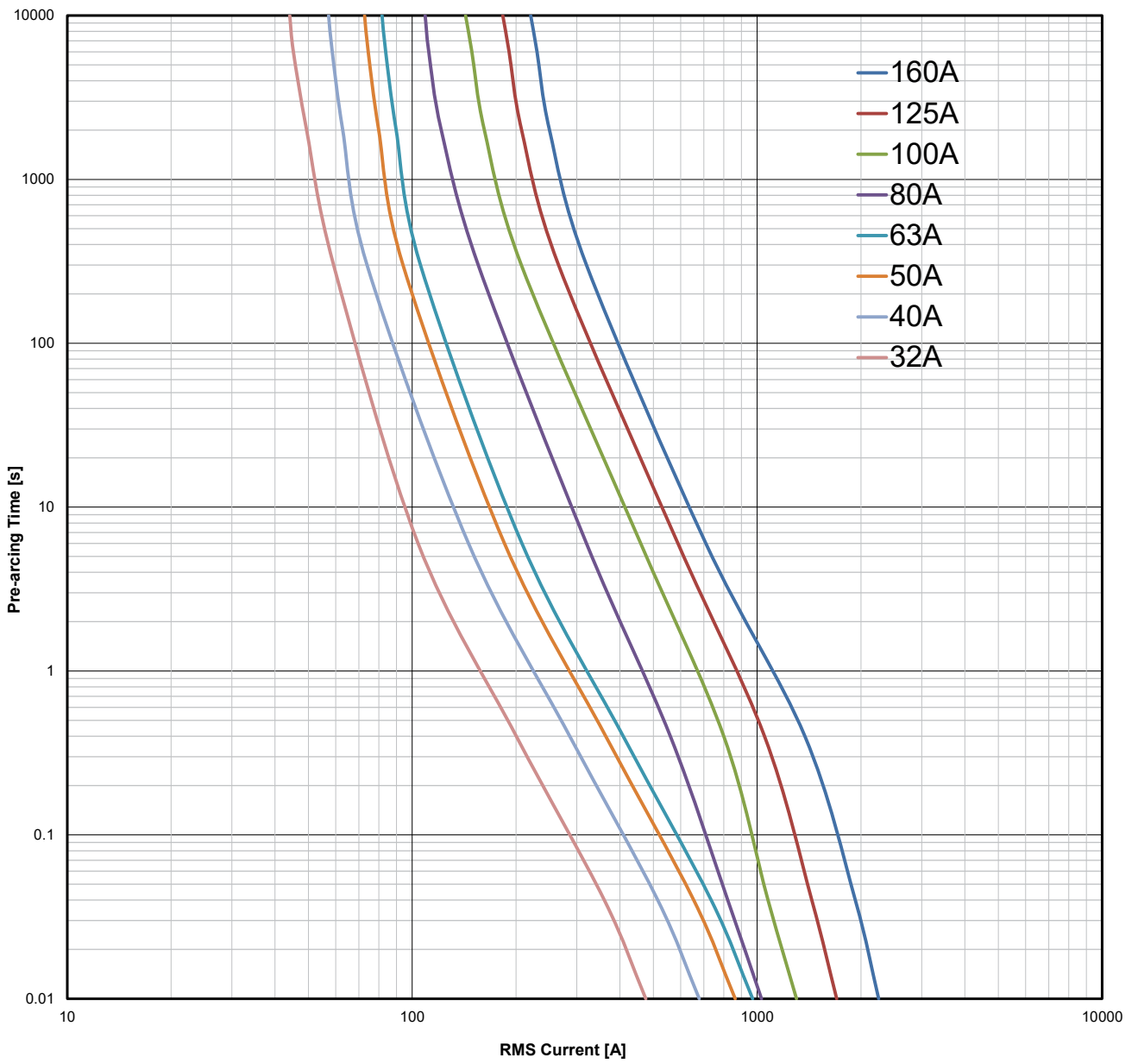
Size 2

Size 3

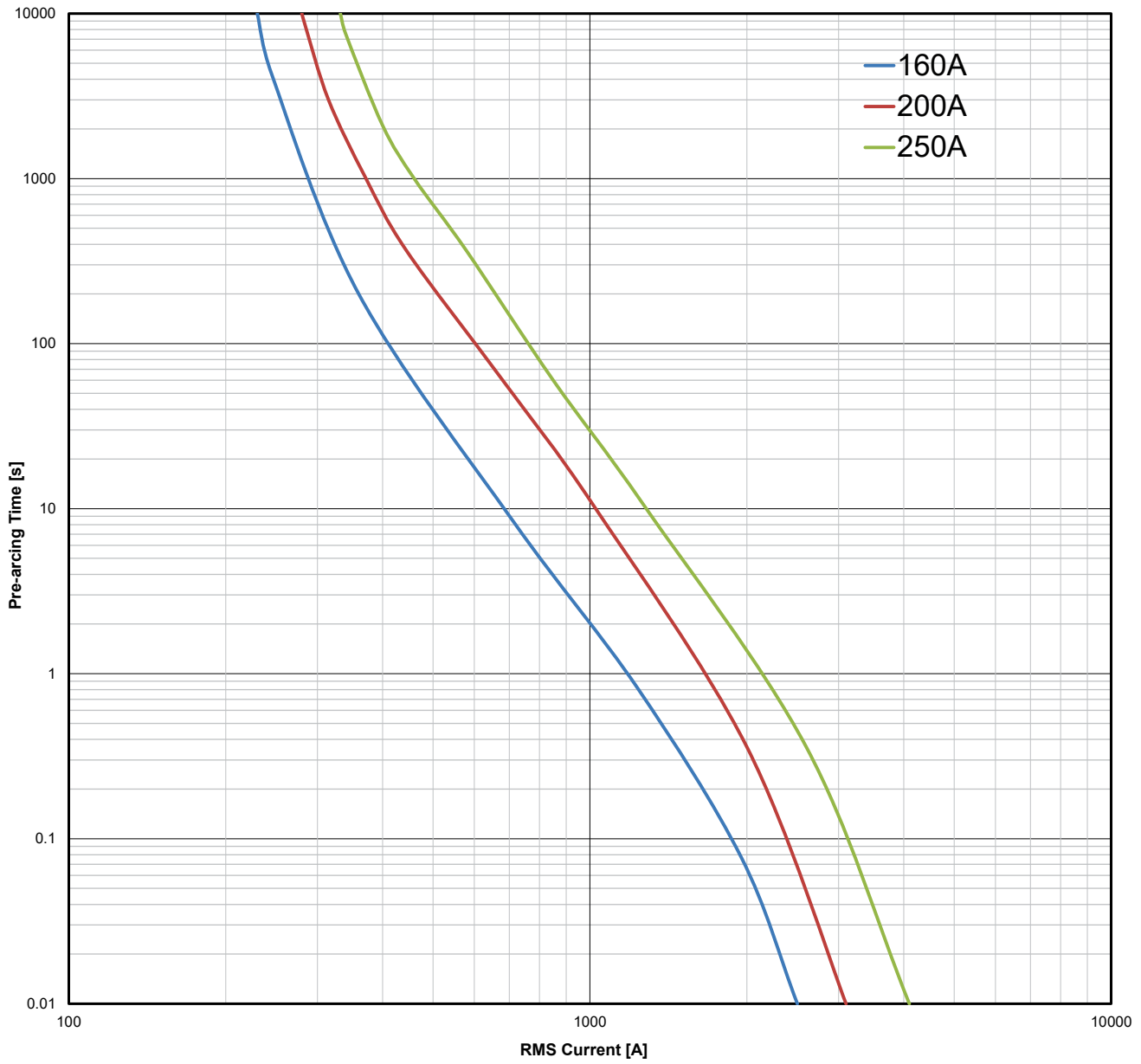
Time current curve - NH00



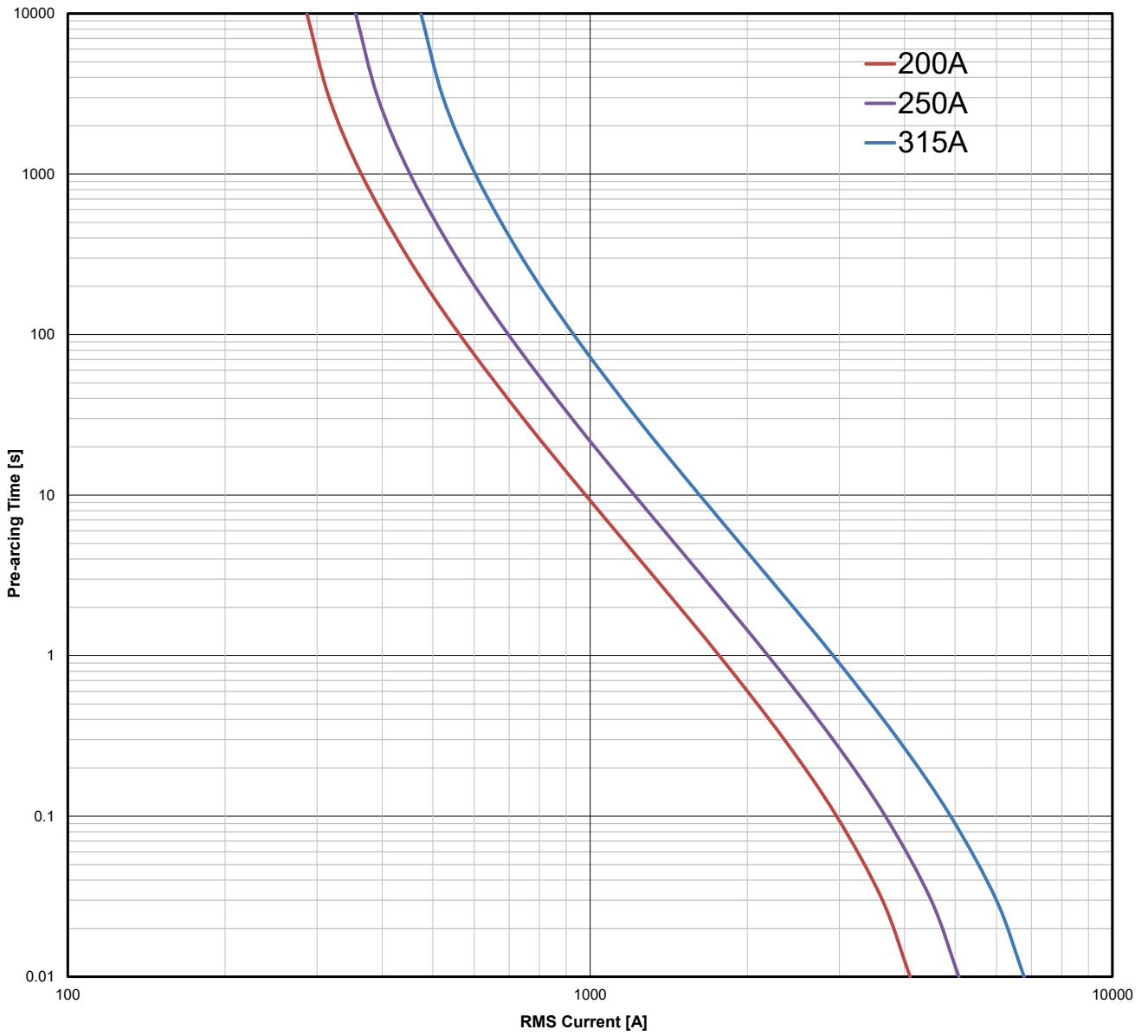
Time current curve - NH1



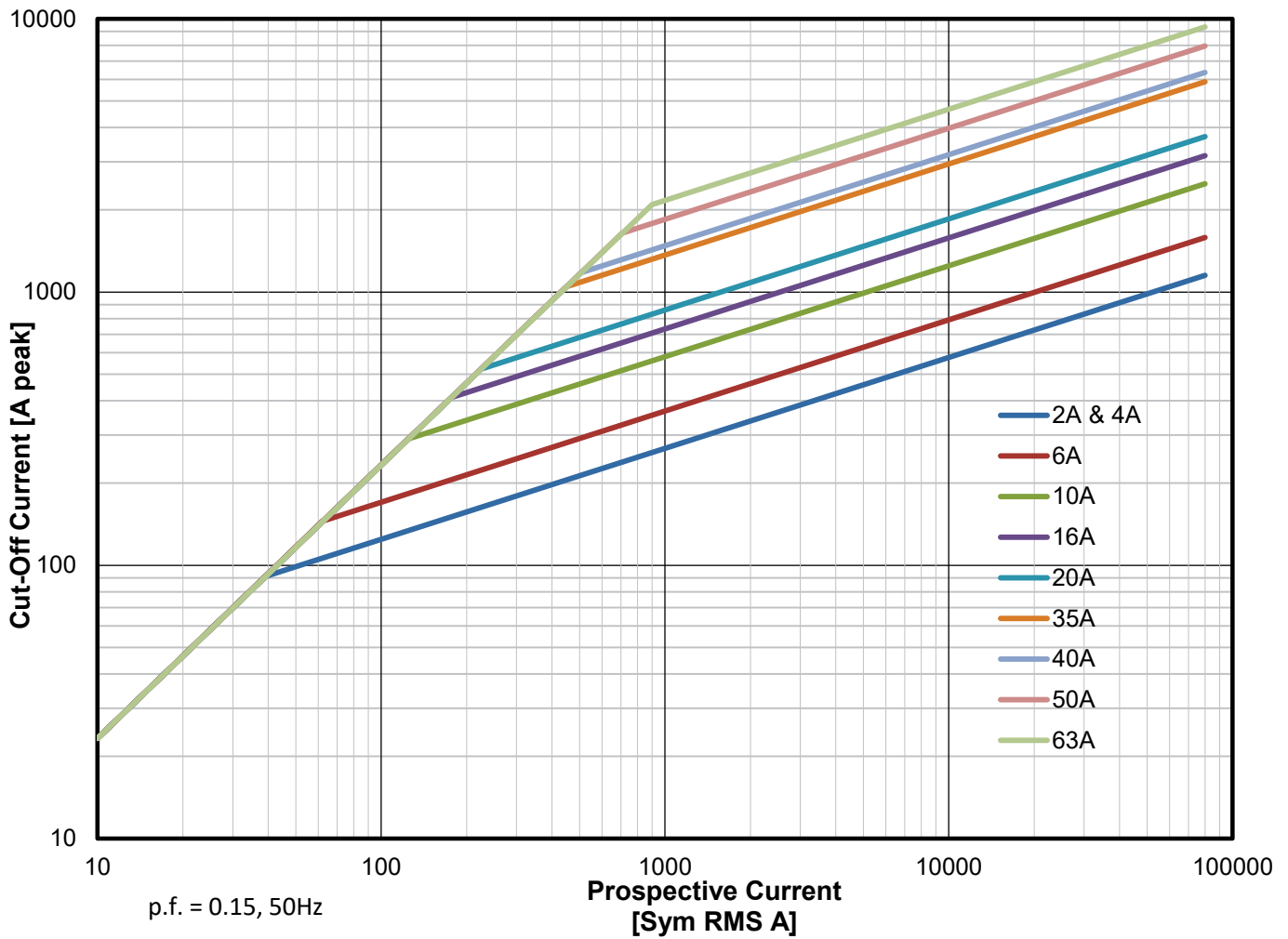
Time current curve - NH2



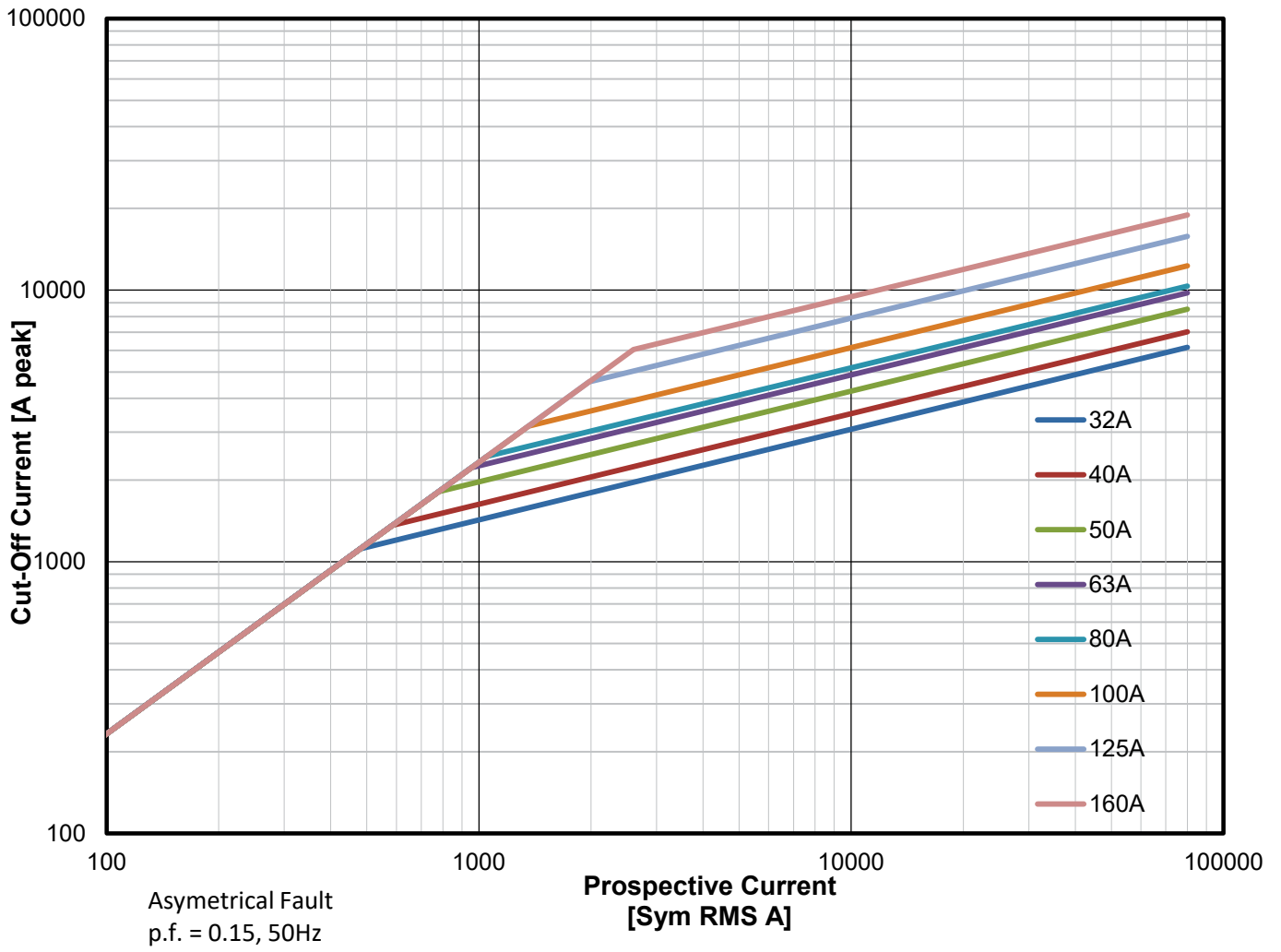
Time current curve - NH3



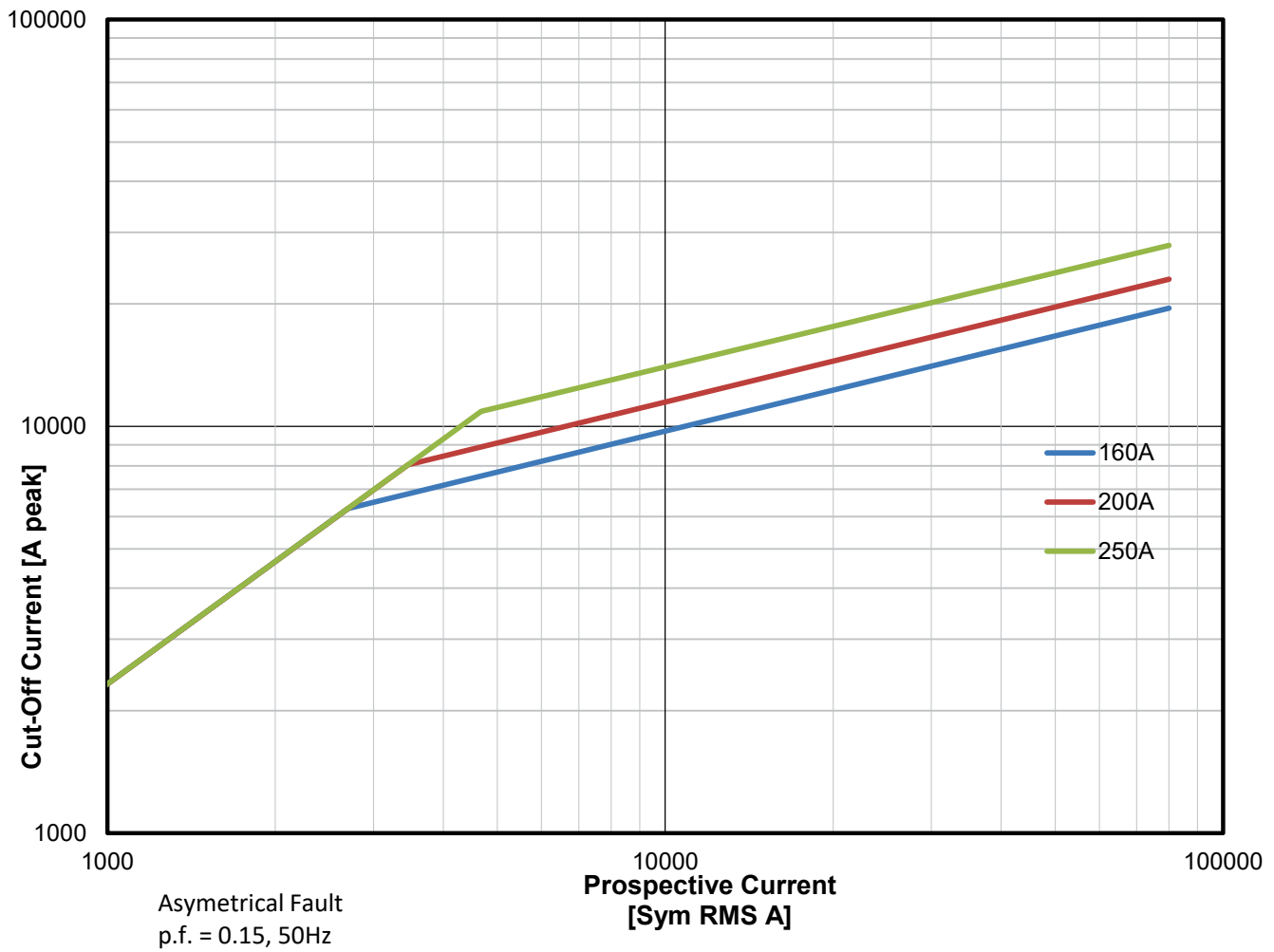
Cut-off curve - NH00



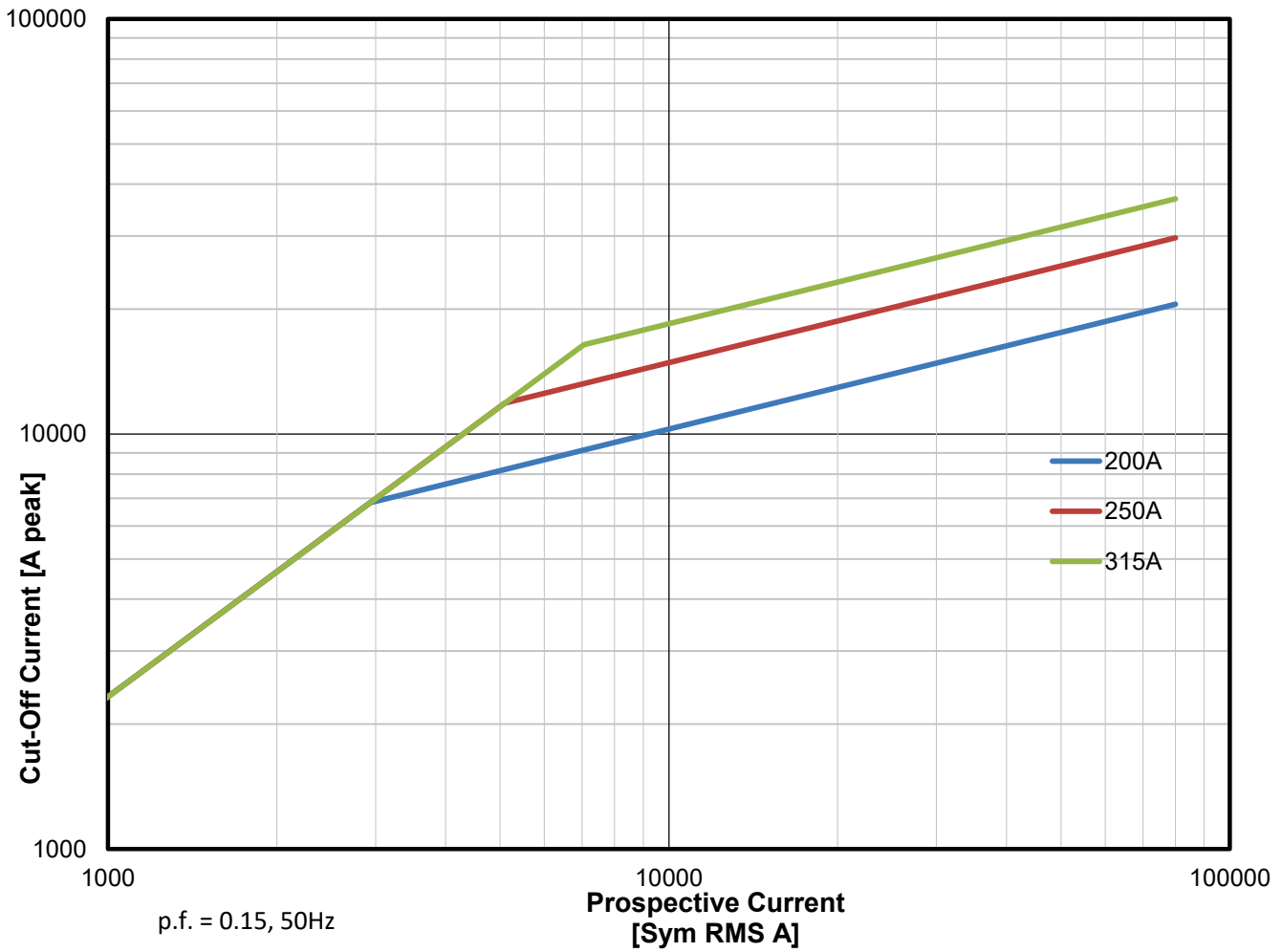
Cut-off curve - NH1



Cut-off curve - NH2



Cut-off curve - NH3



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