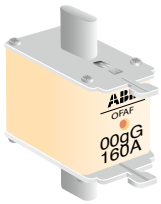
Ordering information

Fuse links, DIN-type, gG



OFAFO00H_



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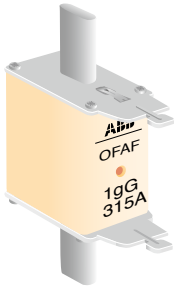


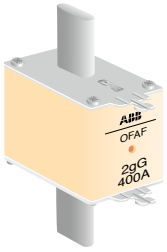
OFAF1H_

HRC fuse links, gG, general application OFAF_H_, _<500V

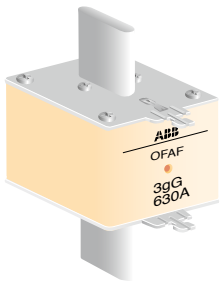
NH-size	Rated voltage AC / DC	Rated current In A	Power loss Ph W	Type code	Order code	Delivery batch pcs	Weight kg
000	500V / 250V	2	1.9	OFAF000H2	1SCA022627R0230	9	0.12
		4	1.5	OFAF000H4	1SCA022627R0310	9	0.12
		6	1.6	OFAF000H6	1SCA022627R0400	9	0.12
		10	1.1	OFAF000H10	1SCA022627R0580	9	0.12
		16	1.8	OFAF000H16	1SCA022627R0660	9	0.12
		20	2.3	OFAF000H20	1SCA022627R0740	9	0.12
		25	2.4	OFAF000H25	1SCA022627R0820	9	0.12
		32	3.1	OFAF000H32	1SCA022627R0910	9	0.12
		35	3.0	OFAF000H35	1SCA022627R1040	9	0.12
		40	3.7	OFAF000H40	1SCA022627R1120	9	0.12
		50	4.1	OFAF000H50	1SCA022627R1210	9	0.12
		63	5.4	OFAF000H63	1SCA022627R1390	9	0.12
		80	6.5	OFAF000H80	1SCA022627R1470	9	0.12
		100	7.5	OFAF000H100	1SCA022627R1550	9	0.12
00	500V / 250V	125	10	OFAF00H125	1SCA022627R1630	3	0.18
		160	11.3	OFAF00H160	1SCA022627R1710	3	0.18
0	500V / 250V	6	1.6	OFAF0H6	1SCA022627R1800	3	0.21
		10	1.1	OFAF0H10	1SCA022627R1980	3	0.21
		16	1.8	OFAF0H16	1SCA022627R2010	3	0.21
		20	2.3	OFAF0H20	1SCA022627R2100	3	0.21
		25	2.4	OFAF0H25	1SCA022627R2280	3	0.21
		32	3.1	OFAF0H32	1SCA022627R2360	3	0.21
		35	3.0	OFAF0H35	1SCA022627R2440	3	0.21
		40	3.7	OFAF0H40	1SCA022627R2520	3	0.21
		50	4.1	OFAF0H50	1SCA022627R2610	3	0.21
		63	6.6	OFAF0H63	1SCA022627R2790	3	0.21
		80	8.0	OFAF0H80	1SCA022627R2870	3	0.21
		100	9.4	OFAF0H100	1SCA022627R2950	3	0.21
		125	11.8	OFAF0H125	1SCA022627R3090	3	0.21
		160	14.6	OFAF0H160	1SCA022627R3170	3	0.21
		200	18.1	OFAF0H200	1SCA022629R5140	3	0.30
		224	19.2	OFAF0H224	1SCA022629R5220	3	0.30
		250	20.3	OFAF0H250	1SCA022629R5310	3	0.30
1	500V / 250V	16	1.8	OFAF1H16	1SCA022627R3250	3	0.28
		20	2.3	OFAF1H20	1SCA022627R3330	3	0.28
		25	2.4	OFAF1H25	1SCA022627R3410	3	0.28
		32	3.1	OFAF1H32	1SCA022627R3500	3	0.28
		35	3.0	OFAF1H35	1SCA022627R3680	3	0.28
		40	3.7	OFAF1H40	1SCA022627R3760	3	0.28
		50	4.1	OFAF1H50	1SCA022627R3840	3	0.28
		63	6.6	OFAF1H63	1SCA022627R3920	3	0.28
		80	8.0	OFAF1H80	1SCA022627R4060	3	0.28
		100	9.4	OFAF1H100	1SCA022627R4140	3	0.28
		125	11.8	OFAF1H125	1SCA022627R4220	3	0.40
		160	14.6	OFAF1H160	1SCA022627R4310	3	0.40
		200	18.0	OFAF1H200	1SCA022627R4490	3	0.40
		224	19.0	OFAF1H224	1SCA022627R4570	3	0.40
		250	20.0	OFAF1H250	1SCA022627R4650	3	0.40
		315	20.5	OFAF1H315	1SCA022627R4730	3	0.40
		355	23.7	OFAF1H355	1SCA022701R4520	3	0.40

Ordering information

Fuse links, DIN-type, gG



OFAF2H_



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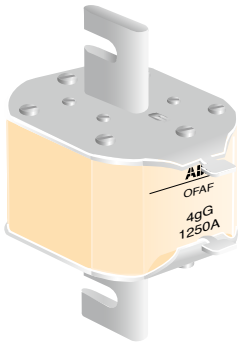

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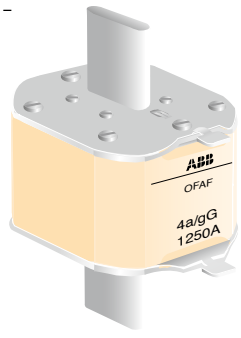


OFAF4AH_

HRC fuse links, gG, general application OFAF_H_, _<500V

NH-size	Rated voltage AC / DC	Rated current In A	Power loss Ph W	Type code	Order code	Delivery batch pcs	Weight kg
2	500V / 250V	25	2.4	OFAF2H25	1SCA115948R1001	3	0.42
		35	3.0	OFAF2H35	1SCA022627R4810	3	0.42
		40	3.7	OFAF2H40	1SCA022627R4900	3	0.42
		50	4.1	OFAF2H50	1SCA022627R5030	3	0.42
		63	6.3	OFAF2H63	1SCA022627R5110	3	0.42
		80	8.3	OFAF2H80	1SCA022627R5200	3	0.42
		100	10.7	OFAF2H100	1SCA022627R5380	3	0.42
		125	12.2	OFAF2H125	1SCA022627R5460	3	0.42
		160	15	OFAF2H160	1SCA022627R5540	3	0.42
		200	18.5	OFAF2H200	1SCA022627R5620	3	0.42
		224	19.2	OFAF2H224	1SCA022627R5710	3	0.42
		250	20.6	OFAF2H250	1SCA022627R5890	3	0.42
		300	21.0	OFAF2H300	1SCA022627R5970	3	0.63
		315	25.0	OFAF2H315	1SCA022627R6010	3	0.63
		355	31.5	OFAF2H355	1SCA022627R6190	3	0.63
		400	32.0	OFAF2H400	1SCA022627R6270	3	0.63
		425	32.2	OFAF2H425	1SCA022706R3900	3	0.63
		500	35.6	OFAF2H500	1SCA022701R4610	3	0.63
3	500V /250V	250	21.1	OFAF3H250	1SCA022627R6350	1	0.63
		300	20.0	OFAF3H300	1SCA022627R6430	1	0.63
		315	25.0	OFAF3H315	1SCA022627R6510	1	0.63
		355	32.0	OFAF3H355	1SCA022627R6600	1	0.63
		400	34.0	OFAF3H400	1SCA022627R6780	1	0.63
		425	34.0	OFAF3H425	1SCA022627R6860	1	1.00
		450	38.0	OFAF3H450	1SCA022627R6940	1	1.00
		500	43.0	OFAF3H500	1SCA022627R7080	1	1.00
		630	43.1	OFAF3H630	1SCA022627R7160	1	1.00
		800	53.2	OFAF3H800	1SCA022627R7240	1	0.90
4	500V /250V	400	31.5	OFAF4H400	1SCA022627R7320	1	2.00
		500	38.0	OFAF4H500	1SCA022627R7410	1	2.00
		630	46.0	OFAF4H630	1SCA022627R7590	1	2.00
		800	62.0	OFAF4H800	1SCA022627R7670	1	2.00
		1000	73.5	OFAF4H1000	1SCA022627R7750	1	2.00
		1250	87.0	OFAF4H1250	1SCA022627R7830	1	2.00
4a	500V / 250V	500	42.5	OFAF4AH500	1SCA022637R3980	1	2.00
		630	53.0	OFAF4AH630	1SCA022637R4010	1	2.00
		800	65.0	OFAF4AH800	1SCA022637R4100	1	2.00
		1000	78.0	OFAF4AH1000	1SCA022637R4280	1	2.00
		1250	90.0	OFAF4AH1250	1SCA022637R4360	1	2.00

Technical data

HRC Fuse links, DIN-type

Technical data according to IEC 60269

The fuse links are tested to the following short circuit ratings.

gG

Size	Fuse type	V			000	00	0	1	2	3	4	4a
Current range	OFAF_H	500	AC	A	2-100	125-160	6-250	16-355	25-500	250-800	400-1250	500-1250
	OFAA_GG	690			2-63	80-125	6-160	16-250	32-355	250-500	500-800	400-1000
	OFAF_H	250	DC		2-100	125-160	6-250	16-355	25-500	250-800	400-1250	500-1250
	OFAA_GG	250/400			2-63	80-125	6-160	16-250	32-355	250-500	500-800	400-1000

Size	Fuse type	V			000...3	4/4a
Breaking capacity	OFAF_H	500	AC	kA	120	
	OFAA_GG	690			80	120
	OFAF_H	250	DC		80	70
	OFAA_GG	250/400				

aM

Size	Fuse type	V			000	00	0	1	2	3	4	4a
Current range	OFAF_AM	500	AC	A	2-80	100-160	6-200	16-315	35-500	250-800	400-1250	500-1250
	OFAA_AM	690			2-63	80-125	-	50-250	125-400	315-500	500-1000	500-1000

Size	Fuse type	V			000...3	4/4a
Breaking capacity	OFAF_AM	500	AC	kA	120	
	OFAA_AM	690			80	120

Features

Rated voltage	500V				690V			
Utilization category	**gG**		**aM**		**gG**		**aM**	
ABB type	**OFAF_H**		**OFAF_AM**		**OFAA_GG**		**OFAM_AM**	
Fuse size	000, 00, 0, 1, 2, 3	4, 4a	000, 00, 0, 1, 2, 3	4, 4a	000, 00, 0, 1, 2, 3	4, 4a	000, 00, 0, 1, 2, 3	4, 4a
According to standards IEC 60269-1 & -2, DIN VDE 0636-1 & -2 and DIN 43620-1	•	•	•	•	•	•	•	•
Non-isolated gripping lugs	•	•	•	•	•	•	•	•
Double indicator	•		•		•		•	
Top indicator		•		•		•		•
Lead free contact blades	•	•	•	•	•	•	•	•
0% cadmium	•	•	•	•	•	•	•	•
Body material: Ceramic	•	•	•	•	•	•	•	•
Contact Materials: Copper, Silver-plated	•	•	•	•	•	•	•	•

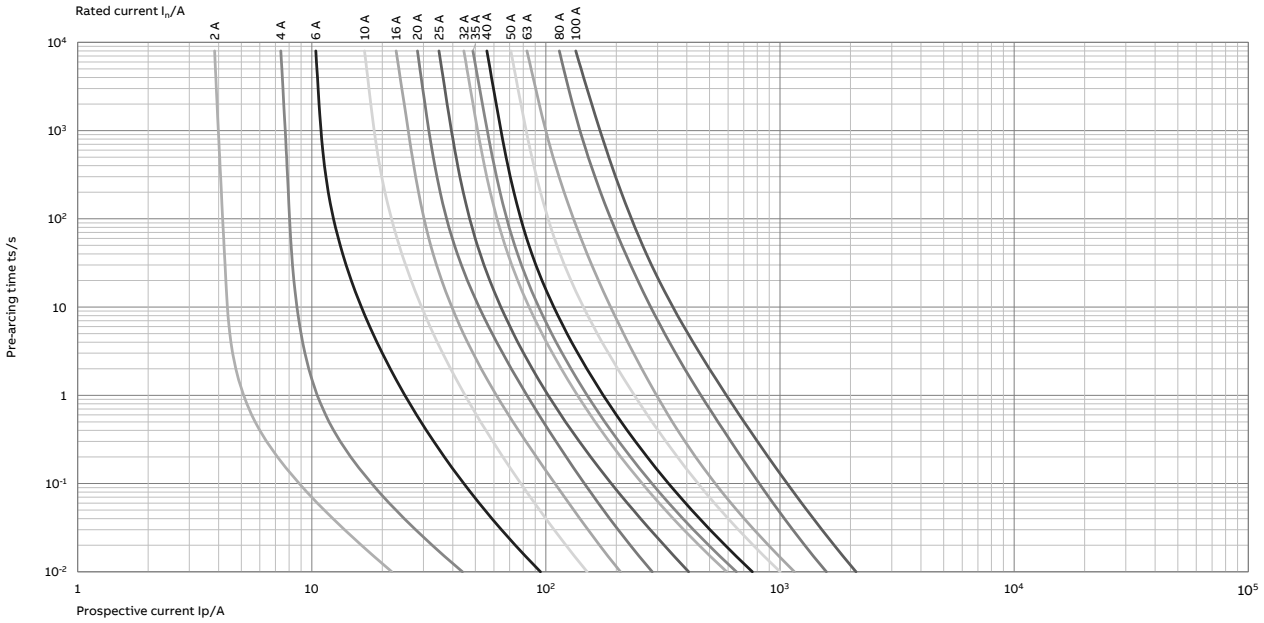
gG: Used in general protection of cables and lines in installation and industrial applications
aM: Used in short-circuit protection of motor circuits

Time-current characteristics

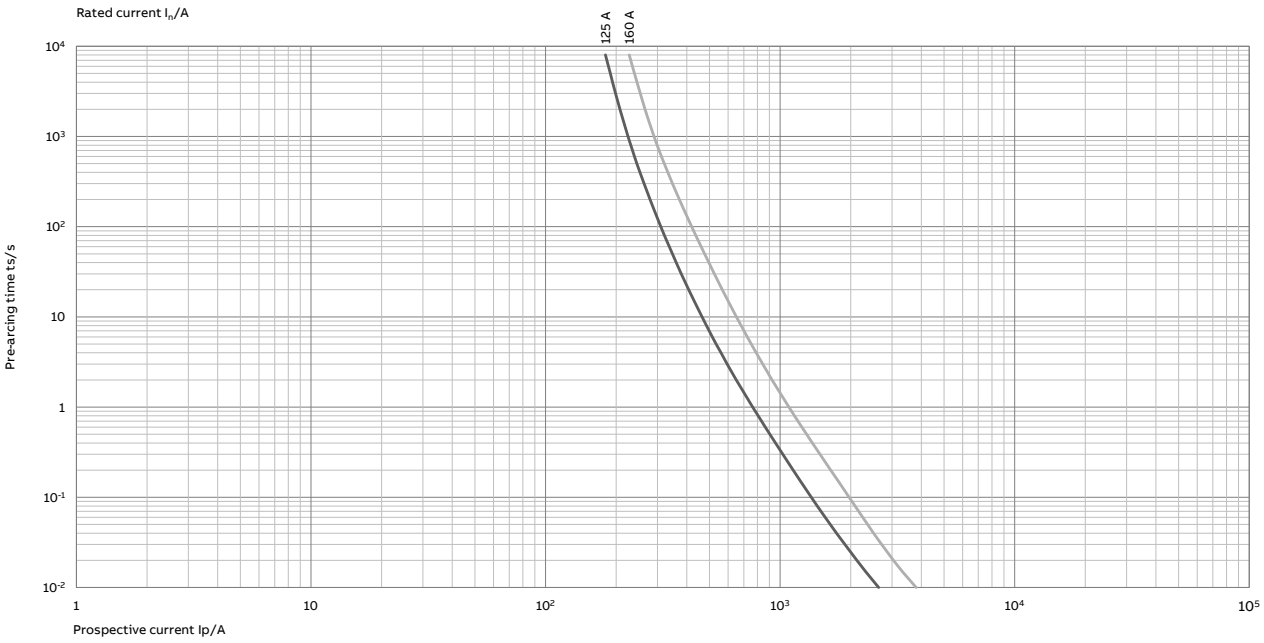
HRC fuse links gG

Time-current characteristics, 500 V, gG-fuse links OFAF_H_, sizes 000-00

gG 500V, 000



gG 500V, 00

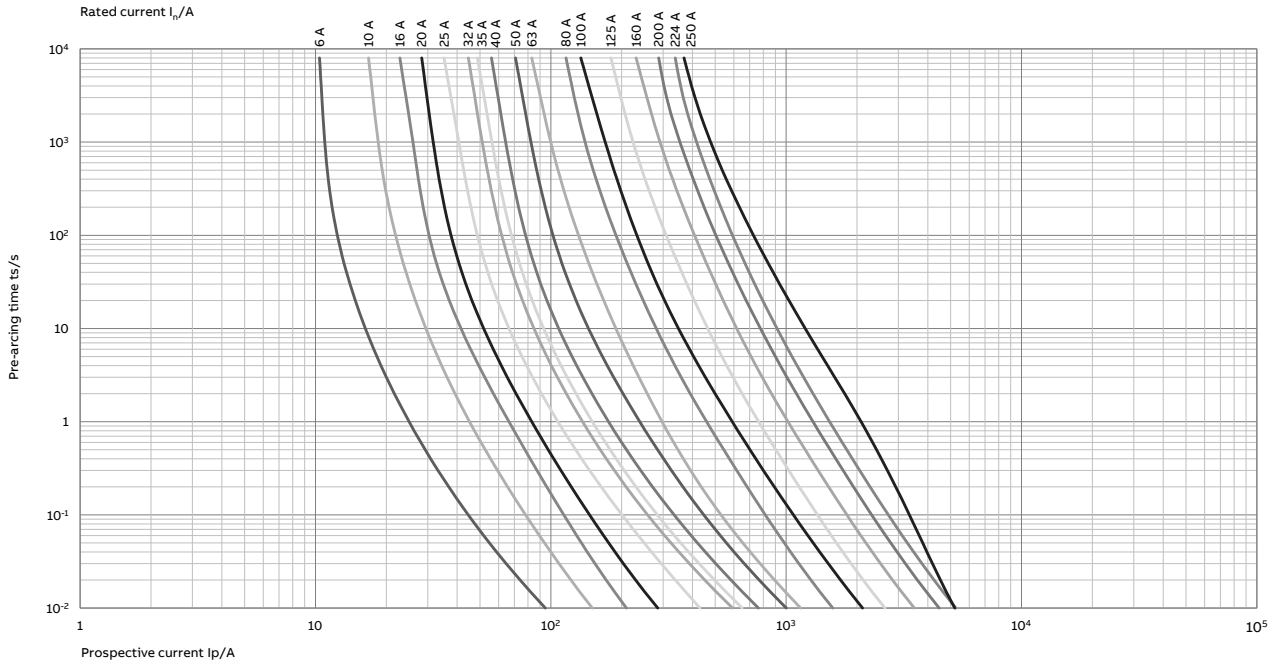


Time-current characteristics

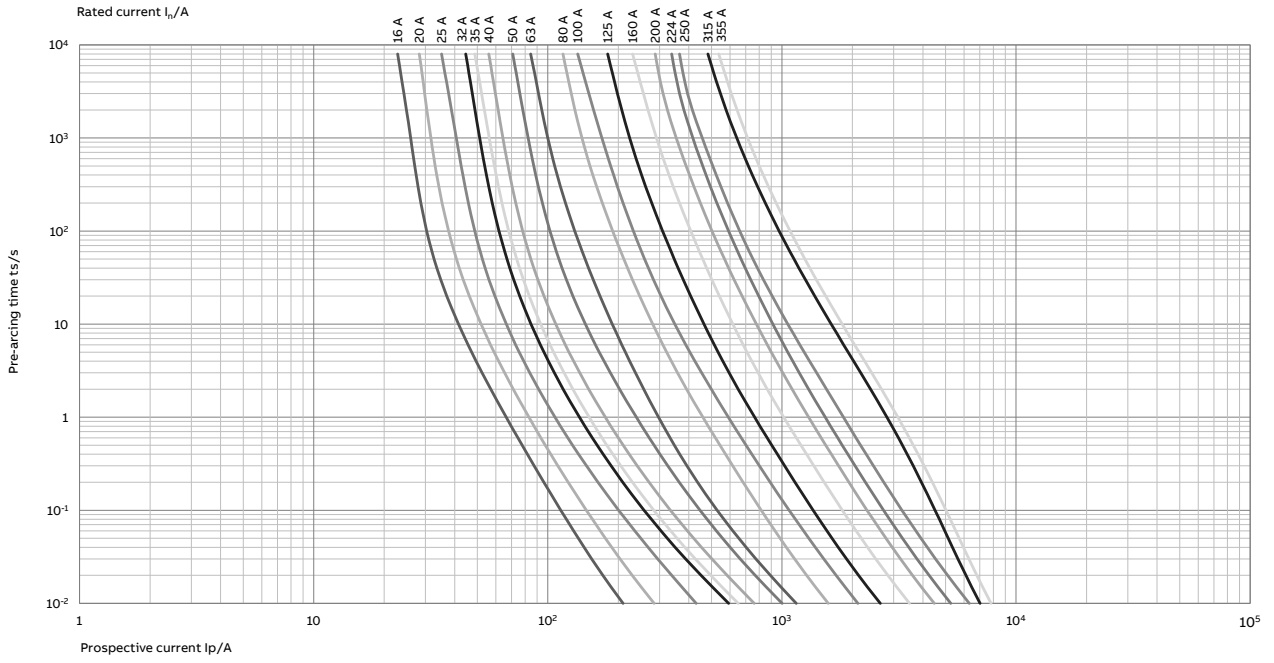
HRC fuse links gG

Time-current characteristics, 500 V, gG-fuse links OFAF_H_, sizes 0-1

gG 500V, 0



gG 500V, 1

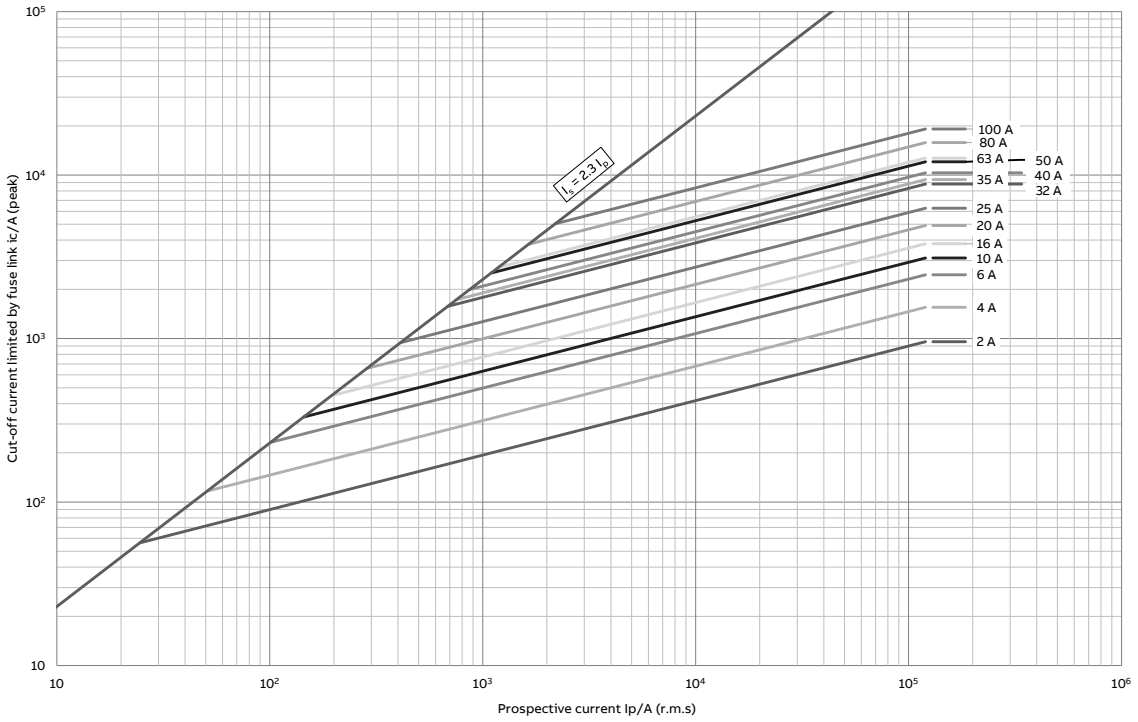


Cut-off current characteristics

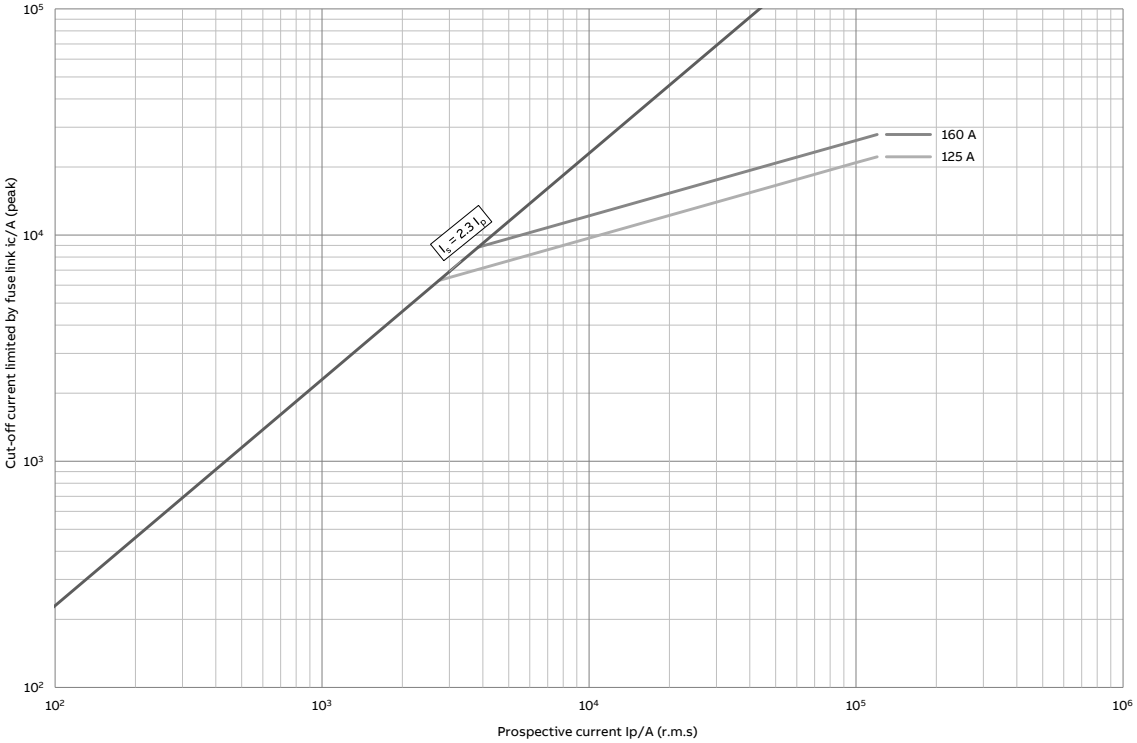
HRC fuse links gG

Current limitation, 500 V, gG-fuse links OFAF_H_, sizes 000-00

gG 500V, 000



gG 500V, 00

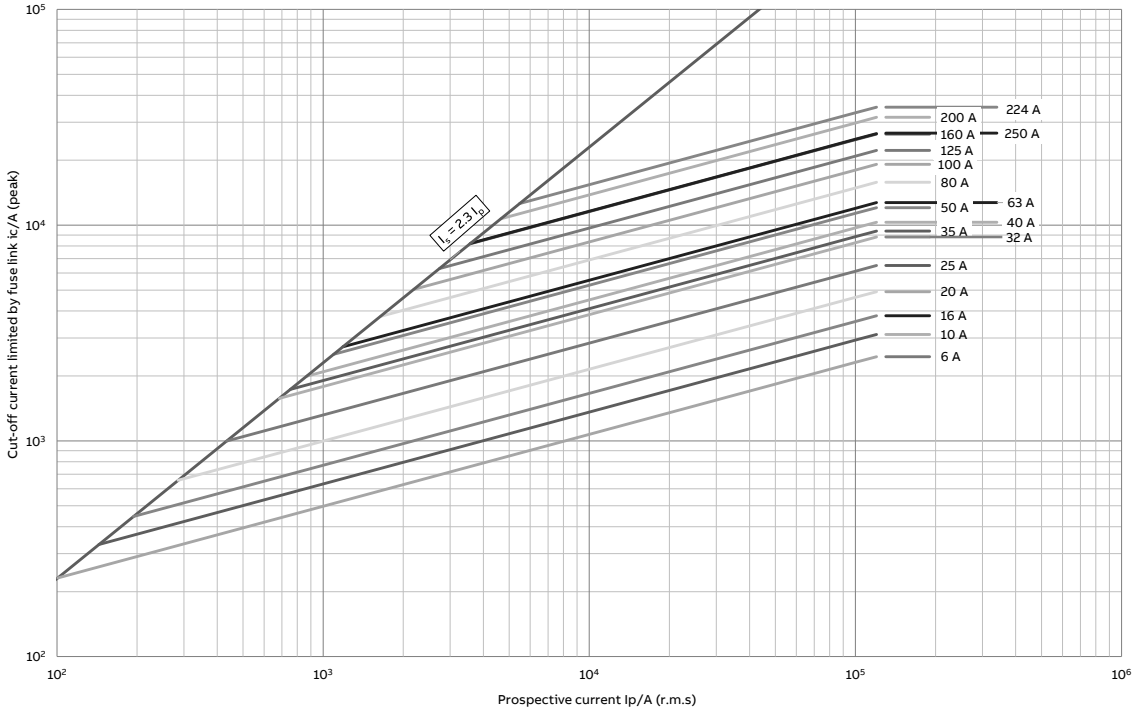


Cut-off current characteristics

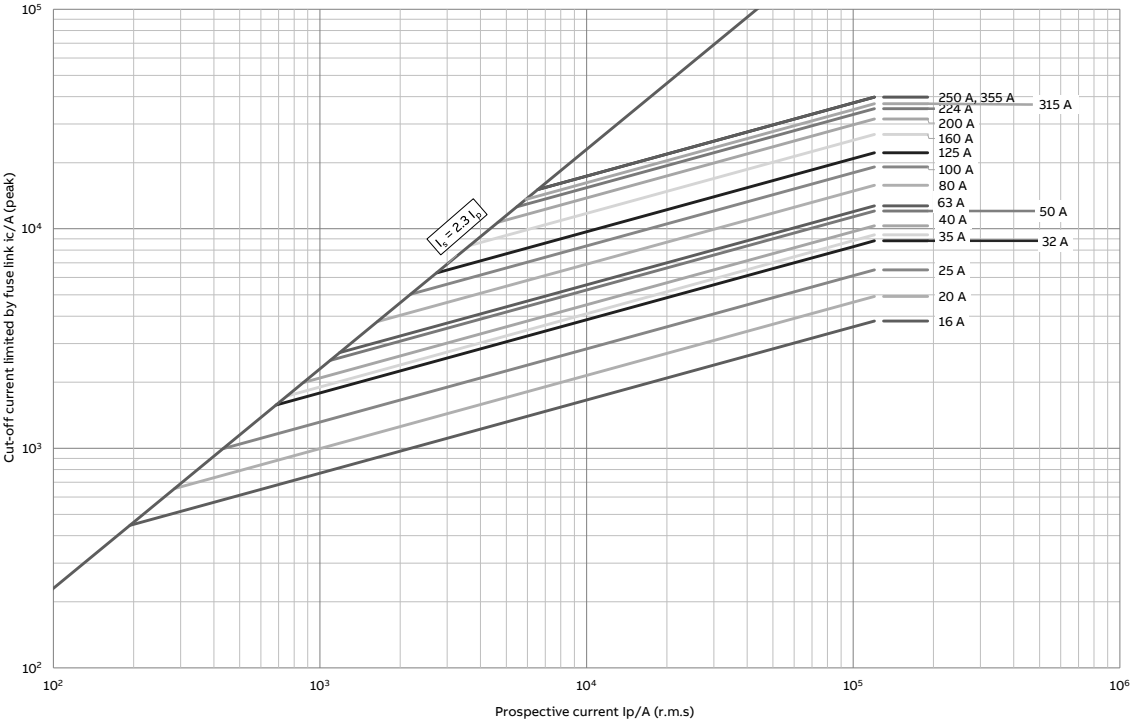
HRC fuse links gG

Current limitation, 500 V, gG-fuse links OFAF_H_, sizes 0-1

gG 500V, 0



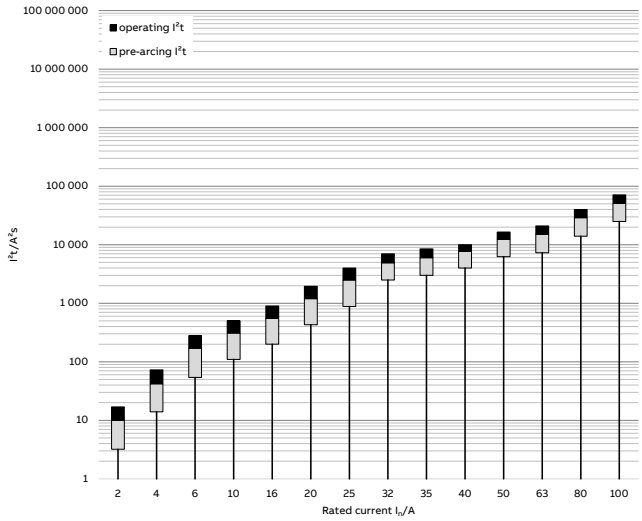
gG 500V, 1



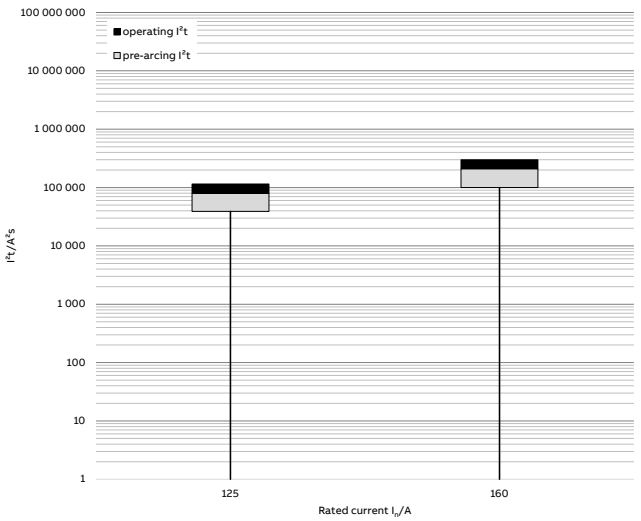
Pre-arcing and operating I²t charasteristics

gG 500V, 000-1

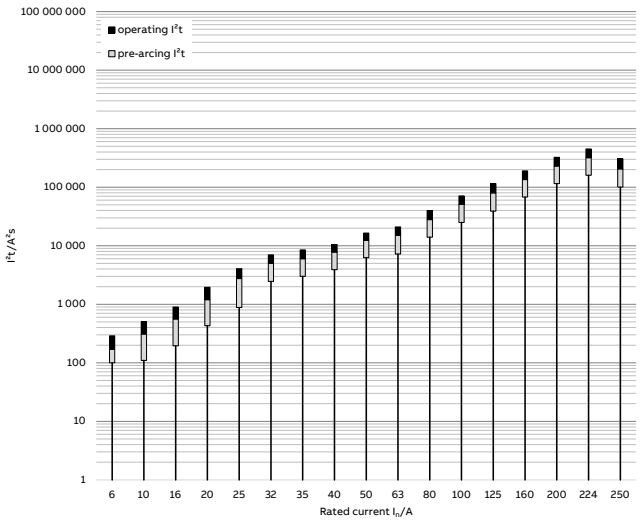
gG 500V, 000



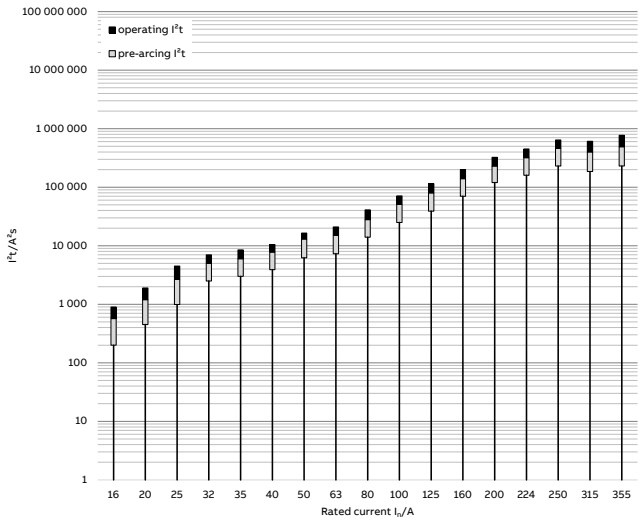
gG 500V, 00



gG 500V, 0



gG 500V, 1



Dimension drawings

HRC fuse links aM

gG- and aM-fuse links

OFAF_H_
OFAA_GG_
OFAF_AM_
OFAA_AM_

Fuse link	Current	IEC-size	a	b	c	d	e	f	g	h
	A									
OFA_000	2-100	000	78.5	52.5	20.8	49	52	6	35	15
OFA_00	80-160	00	78.5	59.5	29.5	49	52.8	6	35	15
OFA_0	6-250	0	125	59.5	29.5	68	66.8	6	35	15
OFA_1	16-100	1	135	64	29.5	68	70.8	6	40	15
OFA_1	125-315	1	135	64	39.5	68	70.8	6	40	20
OFA_2	35-250	2	150	74	39.5	68	72.3	6	48	20
OFA_2	300-500	2	150	74	52	68	72.3	6	48	26
OFA_3	250-400	3	150	89	52	68	72.3	6	60	26
OFA_3	425-800	3	150	89	72	68	72.3	6	60	33
OFA_4	400-1250	4	199.5	117	100	68.5	88.3	6	87	50
OFA_4A	400-1250	4a	200	123	100	91	98	6	85	50

