

# General Purpose IEC Fuses



**NH Fuses (Plain Blades)**  
**gG 400V, 500V, 690V**  
**aM 500V, 690V**

## NH Fuse System



DIN 57 636/VDE 0636 Parts 1, 10, 21, 22, 201  
IEC 60269-2  
DIN 43 620 Parts 1 to 4 (Standard dimensions)

The use category is identified by two letters, the first indicating the operational class and the second the object to be protected. The Ferraz shawmut range includes fuse-links to DIN VDE 0636 standard for the following uses categories:

- gG: general purpose cable and line protection
- aM: Partial purpose, motor circuit protection
- gTr: general purpose, transformer protection
- gR: general purpose, fast acting
- aR: partial purpose, fast acting

### Classification

The NH system is classed among plug-in fuse systems and is comprised of:

- fuse-base, (possibly including terminal covers and phase barriers)
- fuse-link with blade contact
- fuse-link replacement device (LV HRC fuse puller)

Since the design of this system cannot guarantee non-interchangeability of rated current, it must be handled by a qualified professional.

### Approval symbols



Germany



Austria



Switzerland



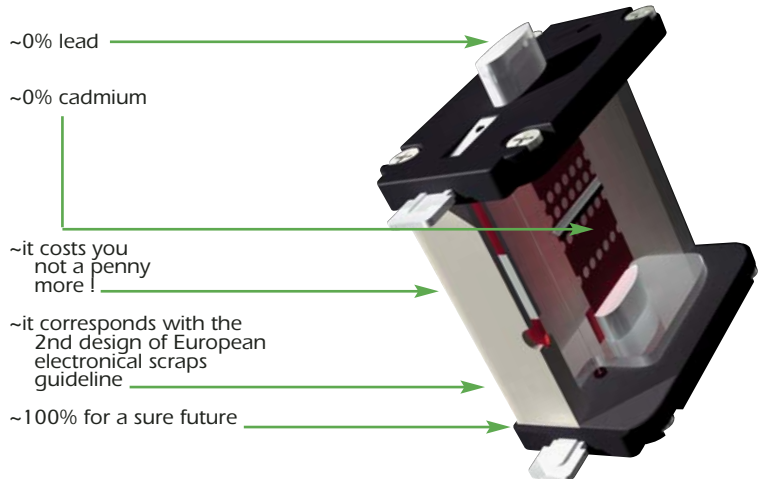
Netherlands



Beige melted



Red non melted



# General Purpose IEC Fuses



Pb-free

## NH Fuses (Plain Blades) gG 400V, 500V, 690V gG 400V Size 000 to 3

### NH-fuses, 400VAC gG

with non-isolated gripping lugs, double indicator, contact blades, complying with DIN VDE 0636Part 201 and IEC 60269-2-1

Size	Rated current $I_N$ (A)	Power dissipation (W)	FS ref.-no.	Previous ref.	Micro-switch <sup>(1)</sup>	weight kg/pce	pack.	Catalog Number
000	2	3,3	Z223674	1A613.	Y	0,12	3	NH000GG40V2
000	4	1,35	A223675	1A619.	Y	0,12	3	NH000GG40V4
000	6	1,7	B223676	1A623.	Y	0,12	3	NH000GG40V6
000	10	1,0	C223677	1A631.	Y	0,12	3	NH000GG40V10
000	16	1,8	D223678	1A635.	Y	0,12	9	NH000GG40V16
000	20	2,0	E223679	1A637.	Y	0,12	9	NH000GG40V20
000	25	2,4	F223680	1A639.	Y	0,12	9	NH000GG40V25
000	32	2,6	G223681	1A643.	Y	0,12	9	NH000GG40V32
000	35	3,2	H223682	1A645.	Y	0,12	9	NH000GG40V35
000	40	3,1	J223683	1A647.	Y	0,12	9	NH000GG40V45
000	50	3,5	K223684	1A651.	Y	0,12	9	NH000GG40V50
000	63	4,6	L223685	1A655.	Y	0,12	9	NH000GG40V63
000	80	5,0	M223686	1A659.	Y	0,12	9	NH000GG40V80
000	100	5,5	N223687	1A663.	Y	0,12	9	NH000GG40V100
00	125	8,6	E223702	1A765.	Y	0,18	3	NH00GG40V125
00	160	9,6	F223703	1A769.	Y	0,18	3	NH00GG40V160
1	35	3,9	J223706	1A145.	N	0,28	3	NH1GG40V35
1	50	4,5	K223707	1A151.	N	0,28	3	NH1GG40V50
1	63	5,7	L223708	1A155.	N	0,28	3	NH1GG40V63
1	80	5,5	M223709	1A159.	N	0,28	3	NH1GG40V80
1	100	7,0	N223710	1A163.	N	0,28	3	NH1GG40V100
1	125	9,1	P223711	1A165.	N	0,30	3	NH1GG40V125
1	160	13,0	Q223712	1A169.	Y	0,30	3	NH1GG40V160
1	200	13,1	R223713	1A171.	Y	0,30	3	NH1GG40V200
1	224	15,1	S223714	1A173.	Y	0,30	3	NH1GG40V224
1	250	16,9	T223715	1A175.	Y	0,30	3	NH1GG40V250
2	35	3,9	T227257	1A245.	N	1,87	3	NH2GG40V35
2	50	4,5	V227258	1A251.	N	1,87	3	NH2GG40V50
2	63	5,7	W227259	1A255.	N	1,87	3	NH2GG40V63
2	80	6,1	F223726	1A259.	N	0,32	3	NH2GG40V80
2	100	7,3	G223727	1A263.	N	0,32	3	NH2GG40V100
2	125	9,1	H223728	1A265.	N	0,32	3	NH2GG40V125
2	160	13,0	J223729	1A269.	N	0,32	3	NH2GG40V160
2	200	13,5	K223730	1A271.	N	0,32	3	NH2GG40V200
2	224	15,1	L223731	1A273.	N	0,32	3	NH2GG40V224
2	250	18,0	M223732	1A275.	N	0,32	3	NH2GG40V250
2	315	19,9	N223733	1A279.	Y	0,40	3	NH2GG40V315
2	355	22,7	P223734	1A281.	Y	0,40	3	NH2GG40V355
2	400	28,0	Q223735	1A283.	Y	0,40	3	NH2GG40V400
3	250	19,9	R223736	1A375.	N	0,45	1	NH3GG40V250
3	315	22,7	S223737	1A379.	N	0,45	1	NH3GG40V315
3	400	28,0	T223738	1A383.	Y	0,45	1	NH3GG40V400
3	500	30,8	V223739	1A387.	Y	0,60	1	NH3GG40V500
3	630	43,0	W223740	1A389.	Y	0,60	1	NH3GG40V630

(1) Suitable for Microswitch describes gG/aM Mechanics for Ceramic body Section page GPEU34

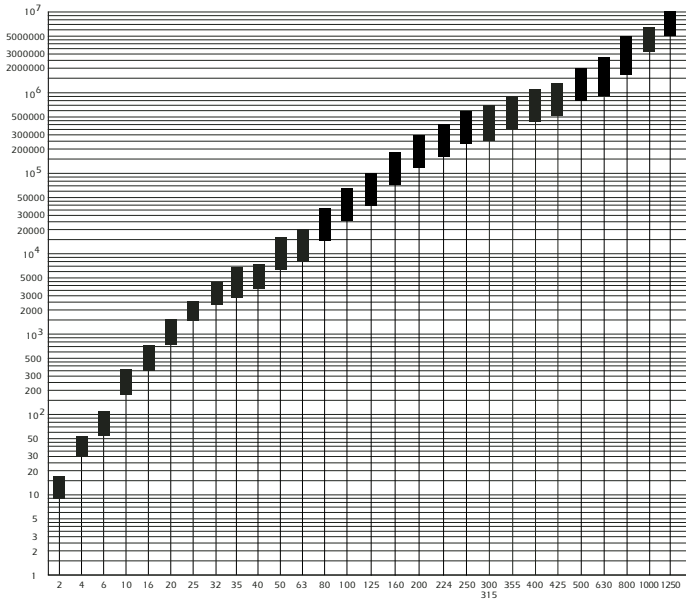
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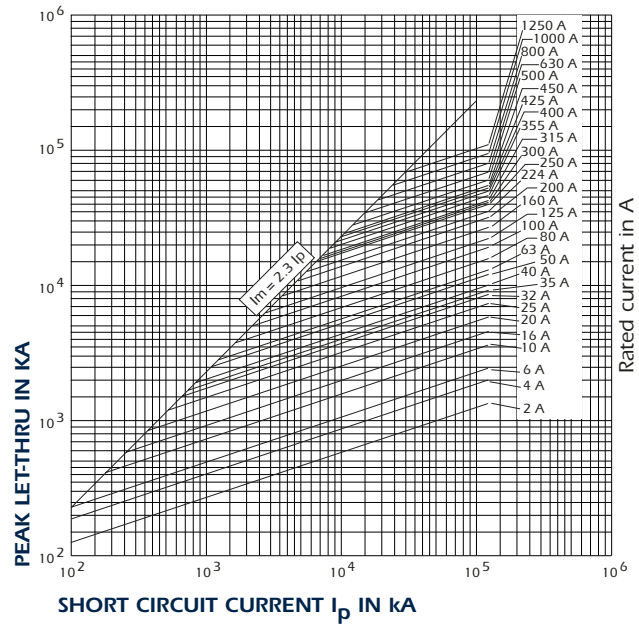
## NH Fuses (Plain Blades) gG 400V, 500V, 690V gG Curves Set

NH-fuses, 400VAC, 500VAC gG

### Total Clearing I<sup>2</sup>t



### Current Limitation Curves



### Time VS. Current Characteristics

