

IEC Low Voltage General Purpose Protection

NH fuse-links Plain blades

Sizes 000 to 3 gG 500VAC from 2 to 800A

Data Sheet

The NH system is classified among plug-in fuse systems and is composed 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.

Benefits

Dimensions according to DIN 43 620
Parts 1 to 4 standard

Non-isolated gripping lugs

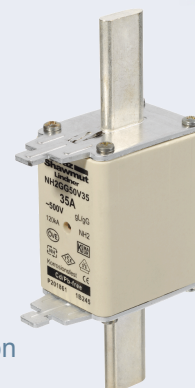
Double indicator

Lead free contact blades

0% cadmium

Applications

gG: general purpose cable and line protection



Approvals

DIN 57636 Part 201

VDE 0636 Part 201

IEC 60269-1 and -2



Related products

Fuse-holders: NH fuse bases

NH fuse switch disconnectors



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Sizes 000 to 1

Size	Rated Voltage (V)	Nominal Current (A)	Watts Loss @ 100% In (W)	Previous reference	Catalog Number	Reference Number	Weight (g)	Pack.
000	500	2	1.9	1B613.	NH000GG50V2	B211946	130	3
000	500	4	1.5	1B619.	NH000GG50V4	M212462	130	3
000	500	6	1.6	1B623.	NH000GG50V6	D213995	130	3
000	500	10	1.1	1B631.	NH000GG50V10	B219651	130	3
000	500	16	1.8	1B635.	NH000GG50V16	K222097	130	9
000	500	20	2.3	1B637.	NH000GG50V20	A222847	130	9
000	500	25	2.4	1B639.	NH000GG50V25	E201185	130	9
000	500	32	3.1	1B643.	NH000GG50V32	Z211438	130	9
000	500	35	3.0	1B645.	NH000GG50V35	C211947	130	9
000	500	40	3.7	1B647.	NH000GG50V40	N212463	130	9
000	500	50	4.1	1B651.	NH000GG50V50	T212974	130	9
000	500	63	5.4	1B655.	NH000GG50V63	E213996	130	9
000	500	80	6.5	1B659.	NH000GG50V80	Y216543	130	9
000	500	100	7.5	1B663.	NH000GG50V100	B219122	130	9
00	500	125	10.0	1B765.	NH00GG50V125	R201863	200	3
00	500	160	12.3	1B769.	NH00GG50V160	P211084	200	3
0	500	6	1.6	1B023.	NH0GG50V6	H213148	270	3
0	500	10	1.1	1B031.	NH0GG50V10	G214159	270	3
0	500	16	1.8	1B035.	NH0GG50V16	Q215179	270	3
0	500	20	2.3	1B037.	NH0GG50V20	R215686	270	3
0	500	25	2.4	1B039.	NH0GG50V25	Y216198	270	3
0	500	32	3.1	1B043.	NH0GG50V32	W216702	270	3
0	500	35	3.0	1B045.	NH0GG50V35	J217220	270	3
0	500	40	3.7	1B047.	NH0GG50V40	P217731	270	3
0	500	50	4.1	1B051.	NH0GG50V50	Z218246	270	3
0	500	63	6.6	1B055.	NH0GG50V63	N218765	270	3
0	500	80	8.0	1B059.	NH0GG50V80	C219284	270	3
0	500	100	9.4	1B063.	NH0GG50V100	D219814	270	3
0	500	125	11.8	1B065.	NH0GG50V125	P222492	270	3
0	500	160	14.6	1B069.	NH0GG50V160	F223013	270	3
0	500	200	18.1	1B071.	NH0GG50V200	C229611	270	3
0	500	224	19.2	1B073.	NH0GG50V224	D229612	270	3
0	500	250	20.3	1B075.	NH0GG50V250	E229613	270	3
1	500	16	1.8	1B135.	NH1GG50V16	M200801	280	3
1	500	20	2.3	1B137.	NH1GG50V20	C201344	280	3
1	500	25	2.4	1B139.	NH1GG50V25	N201860	280	3
1	500	32	3.1	1B143.	NH1GG50V32	L211081	280	3
1	500	35	3.0	1B145.	NH1GG50V35	A211600	280	3
1	500	40	3.7	1B147.	NH1GG50V40	Y212633	280	3
1	500	50	4.1	1B151.	NH1GG50V50	B213648	280	3
1	500	63	6.6	1B155.	NH1GG50V63	L214669	280	3
1	500	80	8.0	1B159.	NH1GG50V80	S215687	280	3
1	500	100	9.4	1B163.	NH1GG50V100	X216703	280	3
1	500	125	11.8	1B165.	NH1GG50V125	Q217732	300	3
1	500	160	14.6	1B169.	NH1GG50V160	A218247	300	3
1	500	200	18.0	1B171.	NH1GG50V200	P218766	300	3
1	500	224	19.0	1B173.	NH1GG50V224	D219285	300	3
1	500	250	20.0	1B175.	NH1GG50V250	E219815	300	3
1	500	315	20.5	1B179.	NH1GG50V315	Q228519	420	3
1	500	355	23.7	1B181.	NH1GG50V355	R228520	420	3

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Sizes 2 to 3

Size	Rated Voltage (V)	Nominal Current (A)	Watts Loss @ 100% In (W)	Previous reference	Catalog Number	Reference Number	Weight (g)	Pack.
2	500	25	2.4	1B239.	NH2GG50V25	N200802	420	3
2	500	32	3.1	1B243.	NH2GG50V32	D201345	420	3
2	500	35	3.0	1B245.	NH2GG50V35	P201861	420	3
2	500	40	3.7	1B247.	NH2GG50V40	M211082	420	3
2	500	50	4.1	1B251.	NH2GG50V50	B211601	420	3
2	500	63	6.8	1B255.	NH2GG50V63	Z212634	420	3
2	500	80	8.3	1B259.	NH2GG50V80	C213649	420	3
2	500	100	10.7	1B263.	NH2GG50V100	M214670	420	3
2	500	125	12.2	1B265.	NH2GG50V125	T215688	420	3
2	500	160	15.0	1B269.	NH2GG50V160	Y216704	420	3
2	500	200	18.5	1B271.	NH2GG50V200	R217733	420	3
2	500	224	19.2	1B273.	NH2GG50V224	Q218767	420	3
2	500	250	20.6	1B275.	NH2GG50V250	R222494	420	3
2	500	300	21.0	1B277.	NH2GG50V300	P200803	640	3
2	500	315	25.0	1B279.	NH2GG50V315	E201346	640	3
2	500	355	31.5	1B281.	NH2GG50V355	Q201862	640	3
2	500	400	28.5	1B283.	NH2GG50V400	N211083	640	3
2	500	425	29.2	1B285.	NH2GG50V425	S228521	640	3
2	500	500	35.6	1B287.	NH2GG50V500	T228522	640	3
3	500	250	21.1	1B375.	NH3GG50V250	C211602	650	1
3	500	300	20.0	1B377.	NH3GG50V300	A212635	650	1
3	500	315	25.0	1B379.	NH3GG50V315	L213151	650	1
3	500	355	32.0	1B381.	NH3GG50V355	K214162	650	1
3	500	400	34.0	1B383.	NH3GG50V400	T215182	1050	1
3	500	425	34.0	1B385.	NH3GG50V425	B216201	1050	1
3	500	450	38.0	1B386.	NH3GG50V450	Z216705	1050	1
3	500	500	43.0	1B387.	NH3GG50V500	M217223	1050	1
3	500	630	43.1	1B389.	NH3GG50V630	S217734	1050	1
3	500	800	53.2	1B391.	NH3GG50V800	V228523	1050	1

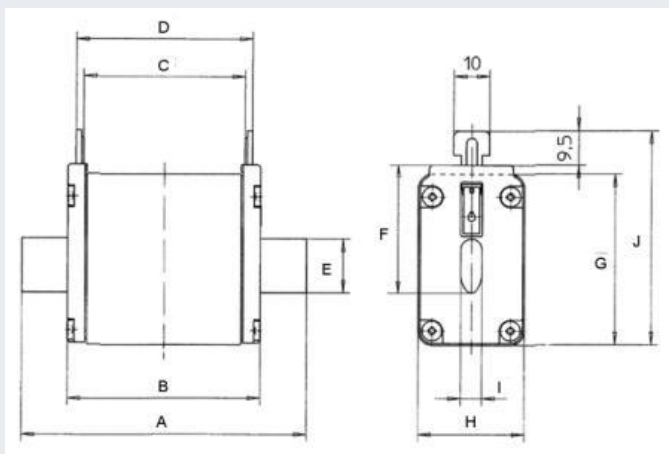
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Sizes 000 to 3 gG 500VAC from 2 to 1250A



Dimensions (mm)



Size	Nominal Current (A)	A	B	C	D	E	F	G	H	I	J
000	2-100	79	52	45.5	49.5	15	35	40.5	20.8	6	52.5
00	125-160	79	52.8	45.5	49.5	15	35	47.5	29.5	6	59.5
0	2-160	125	66.8	61	66	15	35	47.5	29.5	6	59.5
1	16-100	135	70.8	63	68	15	40	47.5	29.5	6	64.5
1	125-355	135	70.8	63	68	20	40	52.5	39.5	6	86
2	16-250	150	72.3	63	68	20	48	52.5	39.5	6	72.5
2	300-500	150	72.3	63	68	26	48	60	51	6	72
3	250-400	150	72.3	63	68	26	60	60	51	6	83.5
3	425-800	150	72.3	63	68	33	60	74	70	6	86

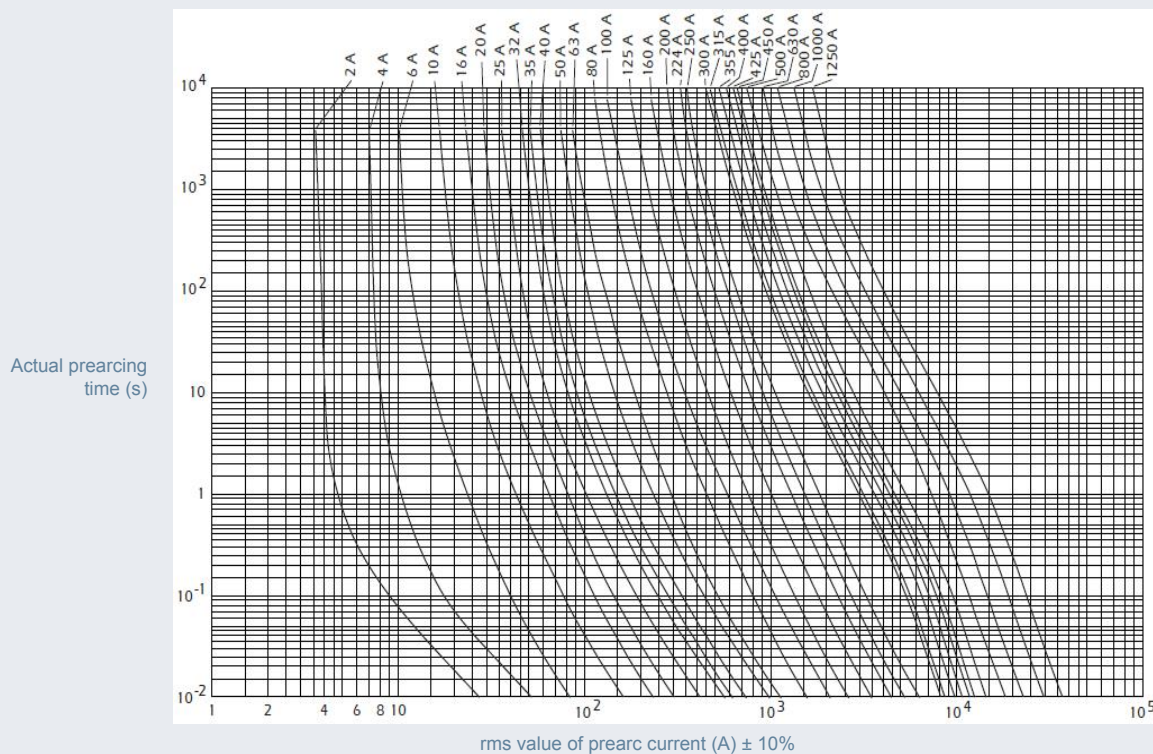
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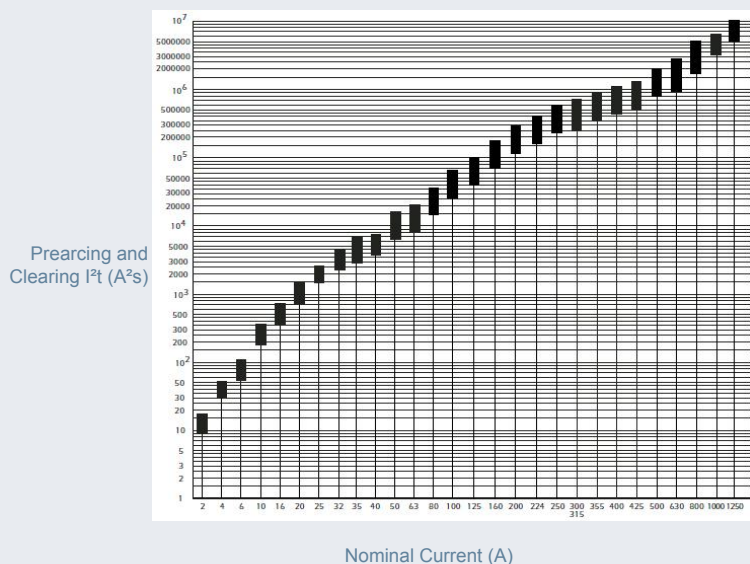
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Time current characteristics



Characteristics I^2t



Peak let thru characteristics

