

NH fuse-links gG 500VAC

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

LOW VOLTAGE IEC FUSES

IEC NH FUSE-LINKS



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.

Type “gG” NH fuse-links are full range breaking capacity fuse-links and are used to protect cables and equipment. They can interrupt any current surge, from the lowest fusing current up to their breaking capacity, and so can be used alone as protection. They also protect electrical devices and industrial set-ups from the electrodynamic effects of very high short-circuit currents.

TECHNICAL DATA OVERVIEW

Voltage AC	500 VAC
Voltage DC	250 VDC
Ampere Range (A)	2 ... 800 A
Size per Standard	000, 00, 0, 1, 2, 3
Speed/Characteristic	gG
I.R. AC (IEC)	120 kA
I.R. DC (IEC)	80 kA
Body Material	ceramic
Contact Materials	copper, silver-plated

FEATURES & BENEFITS

- Dimensions according to DIN 43 620 parts 1 to 4
- Non-isolated gripping lugs
- Double indicator
- Lead free contact blades
- 0% cadmium

APPLICATIONS

- gG: general purpose cable and line protection

STANDARDS

- VDE 0636 Part 201
- IEC 60269-1 and -2



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double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

PRODUCT RANGE



NH000GG50V2

Size 000 gG 500VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Package	Weight
NH000GG50V2	B211946	500 V	250 V	2 A	1.9 W	3	0.13 kg
NH000GG50V4	M212462	500 V	250 V	4 A	1.5 W	3	0.13 kg
NH000GG50V6	D213995	500 V	250 V	6 A	1.6 W	3	0.13 kg
NH000GG50V10	B219651	500 V	250 V	10 A	1.1 W	3	0.13 kg
NH000GG50V16	K222097	500 V	250 V	16 A	1.8 W	9	0.13 kg
NH000GG50V20	A222847	500 V	250 V	20 A	2.3 W	9	0.13 kg
NH000GG50V25	E201185	500 V	250 V	25 A	2.4 W	9	0.13 kg
NH000GG50V32	Z211438	500 V	250 V	32 A	3.1 W	9	0.13 kg
NH000GG50V35	C211947	500 V	250 V	35 A	3 W	9	0.13 kg
NH000GG50V40	N212463	500 V	250 V	40 A	3.7 W	9	0.13 kg
NH000GG50V50	T212974	500 V	250 V	50 A	4.1 W	9	0.13 kg
NH000GG50V63	E213996	500 V	250 V	63 A	5.4 W	9	0.13 kg
NH000GG50V80	Y216543	500 V	250 V	80 A	6.5 W	9	0.13 kg
NH000GG50V100	B219122	500 V	250 V	100 A	7.5 W	9	0.13 kg



NH00GG50V125

Size 00 gG 500VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Package	Weight
NH00GG50V125	R201863	500 V	250 V	125 A	10 W	3	0.2 kg
NH00GG50V160	P211084	500 V	250 V	160 A	11.3 W	3	0.2 kg



NH0GG50V6

Size 0 gG 500VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Package	Weight
NH0GG50V6	H213148	500 V	250 V	6 A	1.6 W	3	0.27 kg
NH0GG50V10	G214159	500 V	250 V	10 A	1.1 W	3	0.27 kg
NH0GG50V16	Q215179	500 V	250 V	16 A	1.8 W	3	0.27 kg
NH0GG50V20	R215686	500 V	250 V	20 A	2.3 W	3	0.27 kg
NH0GG50V25	Y216198	500 V	250 V	25 A	2.4 W	3	0.27 kg
NH0GG50V32	W216702	500 V	250 V	32 A	3.1 W	3	0.27 kg
NH0GG50V35	J217220	500 V	250 V	35 A	3 W	3	0.27 kg
NH0GG50V40	P217731	500 V	250 V	40 A	3.7 W	3	0.27 kg
NH0GG50V50	Z218246	500 V	250 V	50 A	4.1 W	3	0.27 kg
NH0GG50V63	N218765	500 V	250 V	63 A	6.6 W	3	0.27 kg
NH0GG50V80	C219284	500 V	250 V	80 A	8 W	3	0.27 kg
NH0GG50V100	D219814	500 V	250 V	100 A	9.4 W	3	0.27 kg
NH0GG50V125	P222492	500 V	250 V	125 A	11.8 W	3	0.27 kg
NH0GG50V160	F223013	500 V	250 V	160 A	14.6 W	3	0.27 kg
NH0GG50V200	C229611	500 V	250 V	200 A	18.1 W	3	0.27 kg
NH0GG50V224	D229612	500 V	250 V	224 A	19.2 W	3	0.27 kg
NH0GG50V250	E229613	500 V	250 V	250 A	20.3 W	3	0.27 kg

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PRODUCT RANGE



NH1GG50V16

Size 1 gG 500VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Width	Package	Weight
NH1GG50V16	M200801	500 V	250 V	16 A	1.8 W	29.5 mm	3	0.28 kg
NH1GG50V20	C201344	500 V	250 V	20 A	2.3 W	29.5 mm	3	0.28 kg
NH1GG50V25	N201860	500 V	250 V	25 A	2.4 W	29.5 mm	3	0.28 kg
NH1GG50V32	L211081	500 V	250 V	32 A	3.1 W	29.5 mm	3	0.28 kg
NH1GG50V35	A211600	500 V	250 V	35 A	3 W	29.5 mm	3	0.28 kg
NH1GG50V40	Y212633	500 V	250 V	40 A	3.7 W	29.5 mm	3	0.28 kg
NH1GG50V50	B213648	500 V	250 V	50 A	4.1 W	29.5 mm	3	0.28 kg
NH1GG50V63	L214669	500 V	250 V	63 A	6.6 W	29.5 mm	3	0.28 kg
NH1GG50V80	S215687	500 V	250 V	80 A	8 W	29.5 mm	3	0.28 kg
NH1GG50V100	X216703	500 V	250 V	100 A	9.4 W	29.5 mm	3	0.28 kg
NH1GG50V125	V236044	500 V	250 V	125 A	11.8 W	39.5 mm	3	0.3 kg
NH1GG50V160	A218247	500 V	250 V	160 A	14.6 W	39.5 mm	3	0.3 kg
NH1GG50V200	P218766	500 V	250 V	200 A	18 W	39.5 mm	3	0.3 kg
NH1GG50V224	D219285	500 V	250 V	224 A	19 W	39.5 mm	3	0.3 kg
NH1GG50V250	E219815	500 V	250 V	250 A	20 W	39.5 mm	3	0.3 kg
NH1GG50V315	Q228519	500 V	250 V	315 A	20.5 W	39.5 mm	3	0.42 kg
NH1GG50V355	R228520	500 V	250 V	355 A	23.7 W	39.5 mm	3	0.42 kg



NH2GG50V63

Size 2 gG 500VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Width	Package	Weight
NH2GG50V25	N200802	500 V	250 V	25 A	2.4 W	39.5 mm	3	0.42 kg
NH2GG50V32	D201345	500 V	250 V	32 A	3.1 W	39.5 mm	3	0.42 kg
NH2GG50V35	P201861	500 V	250 V	35 A	3 W	39.5 mm	3	0.42 kg
NH2GG50V40	M211082	500 V	250 V	40 A	3.7 W	39.5 mm	3	0.42 kg
NH2GG50V50	B211601	500 V	250 V	50 A	4.1 W	39.5 mm	3	0.42 kg
NH2GG50V63	Z212634	500 V	250 V	63 A	6.8 W	39.5 mm	3	0.42 kg
NH2GG50V80	C213649	500 V	250 V	80 A	8.3 W	39.5 mm	3	0.42 kg
NH2GG50V100	M214670	500 V	250 V	100 A	10.7 W	39.5 mm	3	0.42 kg
NH2GG50V125	T215688	500 V	250 V	125 A	12.2 W	39.5 mm	3	0.42 kg
NH2GG50V160	Y216704	500 V	250 V	160 A	15 W	39.5 mm	3	0.42 kg
NH2GG50V200	R217733	500 V	250 V	200 A	18.5 W	39.5 mm	3	0.42 kg
NH2GG50V224	Q218767	500 V	250 V	224 A	19.2 W	39.5 mm	3	0.42 kg
NH2GG50V250	R222494	500 V	250 V	250 A	20.6 W	39.5 mm	3	0.42 kg
NH2GG50V300	P200803	500 V	250 V	300 A	21 W	51 mm	3	0.64 kg
NH2GG50V315	E201346	500 V	250 V	315 A	25 W	51 mm	3	0.64 kg
NH2GG50V355	Q201862	500 V	250 V	355 A	31.5 W	51 mm	3	0.64 kg
NH2GG50V400	N211083	500 V	250 V	400 A	32 W	51 mm	3	0.64 kg
NH2GG50V425	S228521	500 V	250 V	425 A	32.2 W	51 mm	3	0.64 kg
NH2GG50V500	T228522	500 V	250 V	500 A	35.6 W	51 mm	3	0.64 kg

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PRODUCT RANGE

Size 3 gG 500VAC



NH3GG50V250



NH3GG50V800

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Width	Package	Weight
NH3GG50V224	V233744	500 V	250 V	224 A	20 W	51 mm	1	0.65 kg
NH3GG50V250	C211602	500 V	250 V	250 A	21.1 W	51 mm	1	0.65 kg
NH3GG50V300	A212635	500 V	250 V	300 A	20 W	51 mm	1	0.65 kg
NH3GG50V315	L213151	500 V	250 V	315 A	25 W	51 mm	1	0.65 kg
NH3GG50V355	K214162	500 V	250 V	355 A	32 W	51 mm	1	0.65 kg
NH3GG50V400	T215182	500 V	250 V	400 A	34 W	51 mm	1	1.05 kg
NH3GG50V425	B216201	500 V	250 V	425 A	34 W	70 mm	1	1.05 kg
NH3GG50V450	Z216705	500 V	250 V	450 A	38 W	70 mm	1	1.05 kg
NH3GG50V500	M217223	500 V	250 V	500 A	43 W	70 mm	1	1.05 kg
NH3GG50V630	S217734	500 V	250 V	630 A	43.1 W	70 mm	1	1.05 kg
NH3GG50V800	V228523	500 V	250 V	800 A	53.2 W	70 mm	1	1.05 kg

TECHNICAL DATA

	Size 000	Size 00	Size 0	Size 1	Size 2	Size 3
Rated current	2 ... 100 A	125 ... 160 A	6 ... 250 A	16 ... 355 A	25 ... 500 A	224 ... 800 A
Rated breaking capacity AC	120 kA	120 kA	120 kA	120 kA	120 kA	120 kA
Rated voltage AC	500 V	500 V	500 V	500 V	500 V	500 V
Rated voltage DC	250 V	250 V	250 V	250 V	250 V	250 V
Indication System	double indicator	double indicator	double indicator	double indicator	double indicator	double indicator
Width	21 mm	30 mm	30 mm	40 mm	52 mm	72 mm

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- fuse-link with blade contact
- fuse-link replacement device (LV HRC fuse puller)

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TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Voltage Range DC	250 ... 400 VDC
Ampere Range (A)	2 ... 500 A
Size per Standard	000, 00, 0, 1, 2, 3
Speed/Characteristic	gG
I.R. AC (IEC)	80 kA
I.R. DC (IEC)	80 kA
Body Material	ceramic
Contact Materials	copper, silver-plated

FEATURES & BENEFITS

- Dimensions according to DIN 43 620 parts 1 to 4
- Non-isolated gripping lugs
- Double indicator
- 0% cadmium

APPLICATIONS

- gG: general purpose cable and line protection

STANDARDS

- VDE 0636 Part 201
- IEC 60269-1 and -2



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double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

PRODUCT RANGE



NH000GG69V2

Size 000 gG 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Package	Weight
NH000GG69V2	E228440	690 V	250 V	2 A	1.9 W	3	0.13 kg
NH000GG69V4	F228441	690 V	250 V	4 A	1.5 W	3	0.13 kg
NH000GG69V6	G228442	690 V	250 V	6 A	1.6 W	3	0.13 kg
NH000GG69V10	J228444	690 V	250 V	10 A	1.1 W	3	0.13 kg
NH000GG69V16	K228445	690 V	250 V	16 A	1.8 W	3	0.13 kg
NH000GG69V20	L228446	690 V	250 V	20 A	2.3 W	3	0.13 kg
NH000GG69V25	M228447	690 V	250 V	25 A	2.4 W	3	0.13 kg
NH000GG69V32	N228448	690 V	250 V	32 A	3.1 W	3	0.13 kg
NH000GG69V35	P228449	690 V	250 V	35 A	3 W	3	0.13 kg
NH000GG69V40	Q228450	690 V	250 V	40 A	3.7 W	3	0.13 kg
NH000GG69V50	R228451	690 V	250 V	50 A	4.1 W	3	0.13 kg
NH000GG69V63	S228452	690 V	250 V	63 A	5.4 W	3	0.13 kg
NH000GG69V80	T228453	690 V	250 V	80 A	6.5 W	3	0.13 kg



NH00GG69V32

Size 00 gG 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Package	Weight
NH00GG69V32	V228454	690 V	250 V	32 A	3.1 W	3	0.2 kg
NH00GG69V35	W228455	690 V	250 V	35 A	3 W	3	0.2 kg
NH00GG69V40	X228456	690 V	250 V	40 A	3.7 W	3	0.2 kg
NH00GG69V50	Y228457	690 V	250 V	50 A	4.1 W	3	0.2 kg
NH00GG69V63	Z228458	690 V	250 V	63 A	5.6 W	3	0.2 kg
NH00GG69V80	A228459	690 V	250 V	80 A	6.8 W	3	0.2 kg
NH00GG69V100	B228460	690 V	250 V	100 A	7.5 W	3	0.2 kg
NH00GG69V125	C228461	690 V	250 V	125 A	10 W	3	0.2 kg



NH0GG69V160

Size 0 gG 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Package	Weight
NH0GG69V6	D228462	690 V	400 V	6 A	1.6 W	3	0.27 kg
NH0GG69V10	E228463	690 V	400 V	10 A	1.1 W	3	0.27 kg
NH0GG69V16	F228464	690 V	400 V	16 A	1.8 W	3	0.27 kg
NH0GG69V20	G228465	690 V	400 V	20 A	2.3 W	3	0.27 kg
NH0GG69V25	H228466	690 V	400 V	25 A	2.4 W	3	0.27 kg
NH0GG69V32	J228467	690 V	400 V	32 A	3.1 W	3	0.27 kg
NH0GG69V35	K228468	690 V	400 V	35 A	3 W	3	0.27 kg
NH0GG69V40	L228469	690 V	400 V	40 A	3.7 W	3	0.27 kg
NH0GG69V50	M228470	690 V	400 V	50 A	4.1 W	3	0.27 kg
NH0GG69V63	N228471	690 V	400 V	63 A	6.6 W	3	0.27 kg
NH0GG69V80	P228472	690 V	400 V	80 A	8 W	3	0.27 kg
NH0GG69V100	Q228473	690 V	400 V	100 A	9.4 W	3	0.27 kg
NH0GG69V125	R228474	690 V	400 V	125 A	11.8 W	3	0.27 kg
NH0GG69V160	S228475	690 V	400 V	160 A	14.6 W	3	0.27 kg

NH fuse-links gG 690VAC

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PRODUCT RANGE



NH1GG69V20

Size 1 gG 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Width	Package	Weight
NH1GG69V16	T228476	690 V	400 V	16 A	1.8 W	29.5 mm	3	0.27 kg
NH1GG69V20	V228477	690 V	400 V	20 A	2.3 W	29.5 mm	3	0.27 kg
NH1GG69V25	W228478	690 V	400 V	25 A	2.4 W	29.5 mm	3	0.27 kg
NH1GG69V32	X228479	690 V	400 V	32 A	3.1 W	29.5 mm	3	0.27 kg
NH1GG69V35	Y228480	690 V	400 V	35 A	3 W	29.5 mm	3	0.27 kg
NH1GG69V40	Z228481	690 V	400 V	40 A	3.7 W	29.5 mm	3	0.27 kg
NH1GG69V50	A228482	690 V	400 V	50 A	4.1 W	29.5 mm	3	0.27 kg
NH1GG69V63	B228483	690 V	400 V	63 A	6.6 W	29.5 mm	3	0.27 kg
NH1GG69V80	C228484	690 V	400 V	80 A	8 W	29.5 mm	3	0.27 kg
NH1GG69V100	D228485	690 V	400 V	100 A	9.4 W	29.5 mm	3	0.27 kg
NH1GG69V125	E228486	690 V	400 V	125 A	11.8 W	39.5 mm	3	0.42 kg
NH1GG69V160	F228487	690 V	400 V	160 A	14.6 W	39.5 mm	3	0.42 kg
NH1GG69V200	G228488	690 V	400 V	200 A	18 W	39.5 mm	3	0.42 kg
NH1GG69V224	V233261	690 V	400 V	224 A	19 W	39.5 mm	3	0.42 kg
NH1GG69V250	W233262	690 V	400 V	250 A	20 W	39.5 mm	3	0.42 kg



NH2GG69V32

Size 2 gG 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Width	Package	Weight
NH2GG69V32	H228489	690 V	250 V	32 A	3.1 W	39.5 mm	3	0.42 kg
NH2GG69V35	J228490	690 V	250 V	35 A	3 W	39.5 mm	3	0.42 kg
NH2GG69V40	K228491	690 V	250 V	40 A	3.7 W	39.5 mm	3	0.42 kg
NH2GG69V50	L228492	690 V	250 V	50 A	4.1 W	39.5 mm	3	0.42 kg
NH2GG69V63	M228493	690 V	250 V	63 A	6.8 W	39.5 mm	3	0.42 kg
NH2GG69V80	N228494	690 V	250 V	80 A	8.3 W	39.5 mm	3	0.42 kg
NH2GG69V100	P228495	690 V	250 V	100 A	10.7 W	39.5 mm	3	0.42 kg
NH2GG69V125	Q228496	690 V	250 V	125 A	12.2 W	39.5 mm	3	0.42 kg
NH2GG69V160	R228497	690 V	250 V	160 A	15 W	39.5 mm	3	0.42 kg
NH2GG69V200	S228498	690 V	250 V	200 A	18.5 W	39.5 mm	3	0.42 kg
NH2GG69V224	T228499	690 V	250 V	224 A	19.2 W	39.5 mm	3	0.42 kg
NH2GG69V250	V228500	690 V	250 V	250 A	20.6 W	39.5 mm	3	0.42 kg
NH2GG69V300	W228501	690 V	250 V	300 A	21 W	51 mm	3	0.64 kg
NH2GG69V315	X228502	690 V	250 V	315 A	25 W	51 mm	3	0.64 kg
NH2GG69V355	Y228503	690 V	250 V	355 A	31.5 W	51 mm	3	0.64 kg



NH3GG69V500

Size 3 gG 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Power dissipation at I _n	Width	Package	Weight
NH3GG69V250	Z228504	690 V	250 V	250 A	21.1 W	51 mm	1	0.65 kg
NH3GG69V300	A228505	690 V	250 V	300 A	22.6 W	51 mm	1	0.65 kg
NH3GG69V315	B228506	690 V	250 V	315 A	25 W	51 mm	1	0.65 kg
NH3GG69V355	C228507	690 V	250 V	355 A	32 W	51 mm	1	0.65 kg
NH3GG69V400	D228508	690 V	250 V	400 A	34 W	70 mm	1	1.05 kg
NH3GG69V425	E228509	690 V	250 V	425 A	34 W	70 mm	1	1.05 kg
NH3GG69V500	F228510	690 V	250 V	500 A	43 W	70 mm	1	1.05 kg