

# 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
- 0% cadmium

## APPLICATIONS

- gG: general purpose cable and line protection

## STANDARDS

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



# NH fuse-links gG 500VAC

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## PRODUCT RANGE



NH000GG50V2

### Size 000 gG 500VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I <sub>n</sub>	Power dissipation at I <sub>n</sub>	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 <sub>n</sub>	Power dissipation at I <sub>n</sub>	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 <sub>n</sub>	Power dissipation at I <sub>n</sub>	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