

# NH KNIFE BLADE

NH fuses are typically used for power distribution applications and to protect large electrical devices such as motors, drives, etc. They are available in seven sizes with a current range of 2 to 1600 Amps.

NH fuses have knife blades at both ends, which mount into Fuse Bases. Fuse Bases are available in one or three pole designs and can be panel or DIN rail mounted.

Please refer to pg 19 for NH Fuse Accessories.

### Operating Classes

#### gL/gG - Line Protection

Slow, typically used for distribution circuits or resistive loads.

Typical Marking: gL/gG



#### aM - Motor Protection

Fast acting short circuit protection, but slow acting overload protection.

Typical Marking: aM  
Green imprint.

#### aR - Semiconductor Protection

Partial range, short circuit protection for devices such as diodes, SCRs, etc.

Typical Markings: Ultra Rapid™, Sitor™, Silcu™, Protistor™, Reticur™, Ultra Quick™, aR,

#### gR - Semiconductor Protection

Full range overload and short circuit protection for devices such as diodes, SCRs, etc.

Typical Markings: Ultra Rapid™, Sitor™, Silcu™, Protistor™, Reticur™, Ultra Quick™, gR,  
Mostly red, orange or blue imprint.



## NH00 (NHC00)<sup>3</sup>

### Ordering Information

Operating Class gL / gG  
(VDE 0636 / IEC 269)  
Line Protection up to 500V AC  
(660V available)

Current/Voltage	Cat. No.	Dim.	Std. Pk.
2/500V AC	2NH00GL	A	3
4/500V AC	4NH00GL	A	3
6/500V AC	6NH00GL	A	3
10/500V AC	10NH00GL	A	3
16/500V AC	16NH00GL	A	3
20/500V AC	20NH00GL	A	3
25/500V AC	25NH00GL	A	3
32/500V AC	32NH00GL	A	3
35/500V AC	35NH00GL	A	3
40/500V AC	40NH00GL	A	3
50/500V AC	50NH00GL	A	3
63/500V AC	63NH00GL	A	3
80/500V AC	80NH00GL	A	3
100/500V AC	100NH00GL	A	3
125/500V AC	125NH00GL	A	3
160/500V AC	160NH00GL	A	3

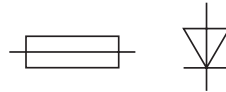
NH00 Fuses Operating Class gL / gG are available in 660V, and with insulated tags.

Operating Class aM  
(VDE 0636 / IEC 269)  
Motor Protection up to 660V AC

2/660V AC	2NH00AM-6	A	3
4/660V AC	4NH00AM-6	A	3
6/660V AC	6NH00AM-6	A	3
10/660V AC	10NH00AM-6	A	3
16/660V AC	16NH00AM-6	A	3
20/660V AC	20NH00AM-6	A	3
25/660V AC	25NH00AM-6	A	3
32/660V AC	32NH00AM-6	A	3
35/660V AC	35NH00AM-6	A	3
40/660V AC	40NH00AM-6	A	3
50/660V AC	50NH00AM-6	A	3
63/660V AC	63NH00AM-6	A	3
80/660V AC	80NH00AM-6	A	3
100/660V AC	100NH00AM-6	A	3
125/500V AC	125NH00AM	A	3
160/500V AC	160NH00AM	A	3

Super Fast Blow Operating Class aR / gR  
(VDE 0636 / IEC 269)  
Semiconductor Protection up to 660V AC  
(1000V available)

16/660V AC	16NH00GR-6 <sup>1</sup>	A	3
20/660V AC	20NH00GR-6 <sup>1</sup>	A	3
25/660V AC	25NH00GR-6 <sup>1</sup>	A	3
32/660V AC	32NH00GR-6 <sup>1</sup>	A	3
35/660V AC	35NH00GR-6 <sup>1</sup>	A	3
40/660V AC	40NH00GR-6 <sup>1</sup>	A	3
50/660V AC	50NH00GR-6 <sup>1</sup>	A	3
63/660V AC	63NH00GR-6 <sup>1</sup>	A	3
80/660V AC	80NH00GR-6 <sup>1</sup>	A	3
100/660V AC	100NH00GR-6 <sup>1</sup>	A	3
125/660V AC	125NH00GR-6 <sup>1</sup>	A	3
160/660V AC	160NH00AR-6	A	3



<sup>1</sup> Also available in Operating Class aR.

<sup>2</sup> Also available in 1000V. Designate suffix "-1" (ex. 32NH0GR-1).

<sup>3</sup> Size NHC00 will be supplied in place of NH00 at manufacturer discretion.

<sup>4</sup> Knife blade is available with screw holes, please designate a "B" after the size, (ex. 250NH3BAR-6).

