

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)³

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

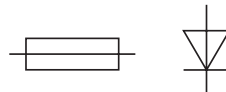
NH00 Fuses Operating Class gL / gG are available in 660V, and with insulated tags.

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

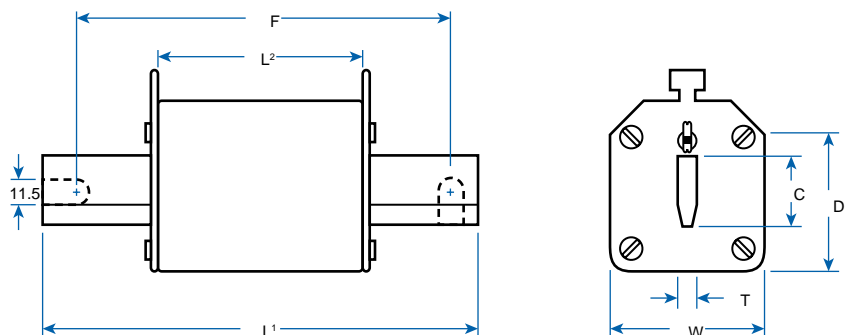


¹ Also available in Operating Class aR.

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

³ Size NHC00 will be supplied in place of NH00 at manufacturer discretion.

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





NHO



NH1



NH2

Current/ Voltage	Cat. No.	Dim.	Std. Pk.	Current/ Voltage	Cat. No.	Dim.	Std. Pk.	Current/ Voltage	Cat. No.	Dim.	Std. Pk.
10/500V AC	10NH0GL	B	3	16/500V AC	16NH1GL	C	3	35/500V AC	35NH2GL	E	3
16/500V AC	16NH0GL	B	3	20/500V AC	20NH1GL	C	3	40/500V AC	40NH2GL	E	3
20/500V AC	20NH0GL	B	3	25/500V AC	25NH1GL	C	3	50/500V AC	50NH2GL	E	3
25/500V AC	25NH0GL	B	3	32/500V AC	32NH1GL	C	3	63/500V AC	63NH2GL	E	3
32/500V AC	32NH0GL	B	3	35/500V AC	35NH1GL	C	3	80/500V AC	80NH2GL	E	3
35/500V AC	35NH0GL	B	3	40/500V AC	40NH1GL	C	3	100/500V AC	100NH2GL	E	3
40/500V AC	40NH0GL	B	3	50/500V AC	50NH1GL	C	3	125/500V AC	125NH2GL	E	3
50/500V AC	50NH0GL	B	3	63/500V AC	63NH1GL	C	3	160/500V AC	160NH2GL	E	3
63/500V AC	63NH0GL	B	3	80/500V AC	80NH1GL	C	3	200/500V AC	200NH2GL	E	3
80/500V AC	80NH0GL	B	3	100/500V AC	100NH1GL	C	3	224/500V AC	224NH2GL	E	3
100/500V AC	100NH0GL	B	3	125/500V AC	125NH1GL	C	3	250/500V AC	250NH2GL	E	3
125/500V AC	125NH0GL	B	3	160/500V AC	160NH1GL	C	3	300/500V AC	300NH2GL	E	3
160/500V AC	160NH0GL	B	3	200/500V AC	200NH1GL	D	3	315/500V AC	315NH2GL	F	3
200/500V AC	200NH0GL	B	3	224/500V AC	224NH1GL	D	3	355/500V AC	355NH2GL	F	3
				250/500V AC	250NH1GL	D	3	400/500V AC	400NH2GL	F	3
								425/500V AC	425NH2GL	F	3
10/500V AC	10NH0AM	B	3	16/500V AC	16NH1AM	C	3	35/500V AC	35NH2AM	E	3
16/500V AC	16NH0AM	B	3	20/500V AC	20NH1AM	C	3	40/500V AC	40NH2AM	E	3
20/500V AC	20NH0AM	B	3	25/500V AC	25NH1AM	C	3	50/500V AC	50NH2AM	E	3
25/500V AC	25NH0AM	B	3	32/500V AC	32NH1AM	C	3	63/500V AC	63NH2AM	E	3
32/500V AC	32NH0AM	B	3	35/500V AC	35NH1AM	C	3	80/500V AC	80NH2AM	E	3
35/500V AC	35NH0AM	B	3	40/500V AC	40NH1AM	C	3	100/500V AC	100NH2AM	E	3
40/500V AC	40NH0AM	B	3	50/500V AC	50NH1AM	C	3	125/500V AC	125NH2AM	E	3
50/500V AC	50NH0AM	B	3	63/500V AC	63NH1AM	C	3	160/500V AC	160NH2AM	E	3
63/500V AC	63NH0AM	B	3	80/500V AC	80NH1AM	C	3	200/500V AC	200NH2AM	E	3
80/500V AC	80NH0AM	B	3	100/500V AC	100NH1AM	C	3	224/500V AC	224NH2AM	E	3
100/500V AC	100NH0AM	B	3	125/500V AC	125NH1AM	C	3	250/500V AC	250NH2AM	E	3
125/500V AC	125NH0AM	B	3	160/500V AC	160NH1AM	C	3	315/500V AC	315NH2AM	F	3
160/500V AC	160NH0AM	B	3	200/500V AC	200NH1AM	D	3	355/500V AC	355NH2AM	F	3
				224/500V AC	224NH1AM	D	3	400/500V AC	400NH2AM	F	3
				250/500V AC	250NH1AM	D	3				
16/660V AC	16NH0GR-6	B	3	16/660V AC	16NH1GR-6	C	3	32/660V AC	32NH2GR-6	E	3
20/660V AC	20NH0GR-6	B	3	20/660V AC	20NH1GR-6	C	3	40/660V AC	40NH2GR-6	E	3
25/660V AC	25NH0GR-6	B	3	25/660V AC ²	25NH1GR-6 ⁴	C	3	50/660V AC	50NH2GR-6	E	3
32/660V AC ²	32NH0GR-6	B	3	32/660V AC ²	32NH1GR-6 ⁴	C	3	63/660V AC	63NH2GR-6	E	3
40/660V AC ²	40NH0GR-6	B	3	35/660V AC ²	35NH1GR-6 ⁴	C	3	80/660V AC	80NH2GR-6 ⁴	E	3
50/660V AC ²	50NH0GR-6	B	3	40/660V AC ²	40NH1GR-6 ⁴	C	3	100/660V AC	100NH2GR-6 ⁴	E	3
63/660V AC ²	63NH0GR-6	B	3	50/660V AC ²	50NH1GR-6 ⁴	C	3	125/660V AC	125NH2GR-6 ⁴	E	3
80/660V AC ²	80NH0GR-6	B	3	63/660V AC ²	63NH1GR-6 ⁴	C	3	160/660V AC	160NH2AR-6 ⁴	E	3
100/660V AC ²	100NH0GR-6	B	3	80/660V AC ²	80NH1GR-6 ⁴	C	3	200/660V AC	200NH2AR-6 ⁴	E	3
125/660V AC ²	125NH0GR-6	B	3	100/660V AC ²	100NH1GR-6 ⁴	C	3	250/660V AC	250NH2AR-6 ⁴	E	3
160/660V AC ²	160NH0AR-6	B	3	125/660V AC ²	125NH1GR-6 ⁴	C	3	280/660V AC	280NH2AR-6 ⁴	E	3
				160/660V AC ²	160NH1AR-6 ⁴	C	3	315/660V AC	315NH2AR-6 ⁴	F	3
				200/660V AC ²	200NH1AR-6 ⁴	D	3	355/660V AC	355NH2AR-6 ⁴	E	3
				224/660V AC ²	224NH1AR-6 ⁴	D	3	400/660V AC	400NH2AR-6 ⁴	F	3
				250/660V AC ²	250NH1AR-6 ⁴	D	3				
				315/500V AC	315NH1AR	D	3				

Approximate Dimensions for NH Fuses mm (in.)*

NH Size/Dim.	Overall Length (L ₁)	Body Length (L ₂)	Body Depth (D)	Body Width (W)	Blade Width (T)	Blade Thickness (C)	Fixing Center (F)
C00	79(3.11)	53(2.09)	40(1.57)	21(0.83)	6(0.24)	15(0.59)	110(4.33)
00/A	79(3.11)	52(2.05)	42.5(1.67)	28(1.10)	6(0.24)	15(0.59)	110(4.33)
0/B	125(4.92)	65(2.56)	42(1.65)	29(1.14)	6(0.24)	15(0.59)	110(4.33)
1/C	135(5.31)	65(2.56)	42(1.65)	29(1.14)	6(0.24)	15(0.59)	110(4.33)
1/D	135(5.31)	65(2.56)	48(1.89)	40(1.57)	6(0.24)	20(0.79)	110(4.33)
2/E	150(5.91)	65(2.56)	48(1.89)	40(1.57)	6(0.24)	20(0.79)	110(4.33)
2/F	150(5.91)	65(2.56)	60(2.36)	53(2.10)	6(0.24)	26(1.02)	110(4.33)

*Dimensions to DIN 43620 refer to diagram on pg 16