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NH Fuse Links

500 Volts • 2 – 630 Amperes



Littelfuse European style NH fuse links are designed for the protection of conductors and motors. The gL-gG characteristic fuse links are generally used to protect cables and installation lines from overloads and short-circuits. The aM characteristic fuse links are used for the short-circuit protection of motors and switchgear. They are available in NH00C to NH3 sizes up to 630 amperes.

Specifications

Standards: DIN 43.620, IEC 269-2-1
Approvals: VDE
Example part number: NH1CG25 (size, characteristic and amperage)

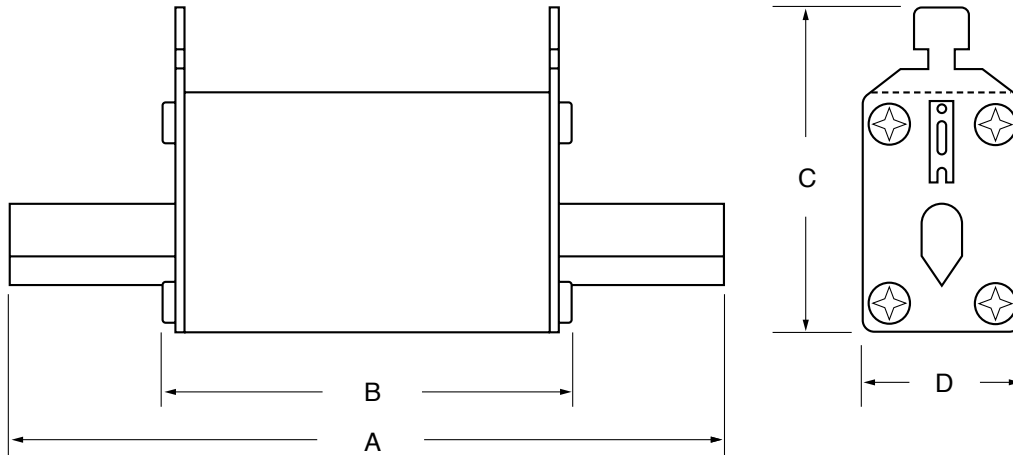
| Size | Current Range | Voltage (AC/DC) | Interrupting Rating | Nominal Frequency | Selectivity |
|------|-----------------|-----------------|---------------------|-------------------|-------------|
| 00C | 2A up to 100A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |
| 00 | 2A up to 160A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |
| 0 | 6A up to 160A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |
| 1C | 25A up to 160A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |
| 1 | 63A up to 250A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |
| 2C | 40A up to 250A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |
| 2 | 125A up to 400A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |
| 3C | 315A up to 400A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |
| 3 | 315A up to 630A | 500V/440V | 120kA/25kA | 45 - 62 Hz | 1:1 25 |

All NH fuse links incorporate a blown fuse indicator.

| Amperage | gL-gG 500V | | | | | aM 500V | | | |
|----------|------------|---------|----------|----------|----------|----------|---------|---------|---------|
| | NH00C/NH00 | NH0 | NH1C/NH1 | NH2C/NH2 | NH3C/NH3 | NH00M | NH1 | NH2 | NH3 |
| 2 | NH00CG2 | — | — | — | — | NH00M2 | — | — | — |
| 4 | NH00CG4 | — | — | — | — | NH00M4 | — | — | — |
| 6 | NH00CG6 | NH0G6 | — | — | — | NH00M6 | — | — | — |
| 10 | NH00CG10 | NH0G10 | — | — | — | NH00M10 | — | — | — |
| 16 | NH00CG16 | NH0G16 | — | — | — | NH00M16 | — | — | — |
| 20 | NH00CG20 | NH0G20 | — | — | — | NH00M20 | — | — | — |
| 25 | NH00CG25 | NH0G25 | NH1CG25 | — | — | NH00M25 | — | — | — |
| 32 | NH00CG32 | NH0G32 | NH1CG32 | — | — | NH00M32 | — | — | — |
| 35 | NH00CG35 | NH0G35 | NH1CG35 | — | — | NH00M35 | — | — | — |
| 40 | NH00CG40 | NH0G40 | NH1CG40 | NH2CG40 | — | NH00M40 | — | — | — |
| 50 | NH00CG50 | NH0G50 | NH1CG50 | NH2CG50 | — | NH00M50 | — | — | — |
| 63 | NH00CG63 | NH0G63 | NH1CG63 | NH2CG63 | — | NH00M63 | NH1M63 | — | — |
| 80 | NH00CG80 | NH0G80 | NH1CG80 | NH2CG80 | — | NH00M80 | NH1M80 | — | — |
| 100 | NH00CG100 | NH0G100 | NH1CG100 | NH2CG100 | — | NH00M100 | NH1M100 | — | — |
| 125 | NH00G125 | NH0G125 | NH1CG125 | NH2CG125 | — | NH00M125 | NH1M125 | NH2M125 | — |
| 160 | NH00G160 | NH0G160 | NH1CG160 | NH2CG160 | — | NH00M160 | NH1M160 | NH2M160 | — |
| 200 | — | — | NH1G200 | NH2CG200 | — | — | NH1M200 | NH2M200 | — |
| 224 | — | — | NH1G224 | NH2CG224 | — | — | NH1M224 | NH2M224 | — |
| 250 | — | — | NH1G250 | NH2CG250 | — | — | NH1M250 | NH2M250 | — |
| 300 | — | — | — | NH2G300 | — | — | — | NH2M300 | — |
| 315 | — | — | — | NH2G315 | NH3CG315 | — | — | NH2M315 | NH3M315 |
| 355 | — | — | — | NH2G355 | NH3CG355 | — | — | NH2M355 | NH3M355 |
| 400 | — | — | — | NH2G400 | NH3CG400 | — | — | NH2M400 | NH3M400 |
| 425 | — | — | — | — | NH3G425 | — | — | — | — |
| 500 | — | — | — | — | NH3G500 | — | — | — | NH3M500 |
| 630 | — | — | — | — | NH3G630 | — | — | — | NH3M630 |

NH Fuse Links

NH Fuse Link Dimensions



| Size | Current Range | Dimensions (mm) | | | |
|------|---------------|-----------------|-------|-------|-------|
| | | A | B | C | D |
| 00C | 2-100A | 78.00 | 54.00 | 51.30 | 20.00 |
| 00 | 2-160A | 78.00 | 54.00 | 56.40 | 30.00 |
| 0 | 6-160A | 123.95 | 70.11 | 53.34 | 30.00 |
| 1C | 25-160A | 135.00 | 75.00 | 56.40 | 30.00 |
| 1 | 63-250A | 135.00 | 75.00 | 64.30 | 40.00 |
| 2C | 40-250A | 150.00 | 75.00 | 64.26 | 40.00 |
| 2 | 125-400A | 150.00 | 75.00 | 74.20 | 50.00 |
| 3C | 315-400A | 150.00 | 75.00 | 74.20 | 50.00 |
| 3 | 315-630A | 150.00 | 75.00 | 87.37 | 71.88 |

NH Bases / Disconnects

Fuse Bases

| Part No. | Size | Rating | Connection |
|----------|------|-----------|------------|
| NHB00B | 00 | 690V/160A | Bolt |
| NHB00C | 00 | 690V/160A | V-Clamp |
| NHB1B | 1 | 690V/250A | Bolt |
| NHB2B | 2 | 690V/400A | Bolt |
| NHB3B | 3 | 690V/630A | Bolt |

All fuse bases are single pole and gangable.

Fuse Disconnects

| Part No. | Size | Rating | Connection |
|----------|------|-----------|------------|
| NHFS00B | C00 | 690V/100A | Bolt |
| NHFS0B | 0 | 690V/160A | Bolt |
| NHFS1B | 1 | 690V/250A | Bolt |
| NHFS2B | 2 | 690V/400A | Bolt |
| NHFS3B | 3 | 690V/630A | Bolt |

All disconnects are 3 pole.

Contact factory for dimensional information.

