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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)

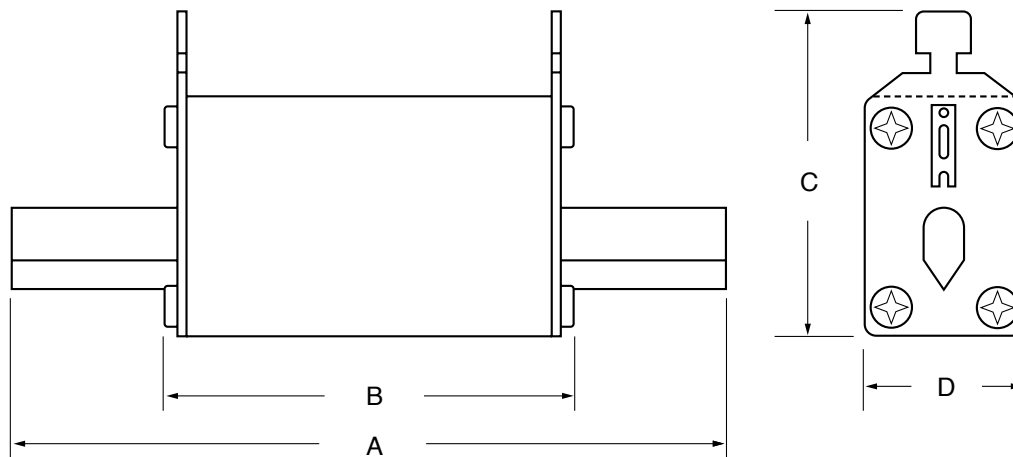
| Size | Current Range   | Voltage (AC/DC) | Interrupting Rating | Nominal Frequency | Selectivity |
|------|-----------------|-----------------|---------------------|-------------------|-------------|
| 00C  | 2A up to 100A   | 500V/440V       | 120kA/25kA          | 45 - 62 Hz        | 1:1 25      |
| 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.

