

# Designed to Save Time & Money, Engineered for Safety & Environment

**Dual Indication Saves Time & Money by quicker identification, Insulated Grip enhances the Safety**

Cooper Bussmann gives yet another reliable and safe fuse range to protect circuits and Installations with ease - 500V, NH DIN style, LV Fuse range with **Double Indication** System and Optional **Insulated Grips**.

- **Quick & Easy Identification**

Bussmann's NH dual indicator fuse, India's first, is designed with additional center indicator in front for easy and quick identification of operated fuse links, overcoming the problem with conventional Single(only Top) indicator types due to mounting height, shrouds, termination, panel darkness, etc.

One of the indicator is always visible in all situations of mounting with easy and convenient visual identification and another can be used for remote alarm / annunciation.

- **Insulated Metal Gripping Lugs (IMGL)**

The Dual Indicator range also comes with optional Insulated Metal Gripping Lugs types, saving the precious installation space and increasing Clearances thus enhancing the Operators and Installation Safety. Specially suitable for adverse Industrial environmental applications of Steel, Cement, Chemical, Oil & Gas, etc.

- **Unmatched Material & Manufacturing Technology**

Fuse links are totally free from Environmentally dangerous Lead & Cadmium and WEEE & RoHS complaint.

- **Applications Suitability**

**500 Volts** - Better suited than ordinary 415V fuses for applications like Capacitor, Mines, DG Sets, Petrochemical Plants, Power Electronics System, etc where circuits can attain higher voltages than 415V.

**High Breaking Capacity, 120kA** - Suitable for use near the source, even in big interconnected network systems, including multi source networks.

**Current Limiting Performance** - Low Cut Off and Let Thru Values, can replace existing fuses without affecting the Type 2 Co-ordination.

- **Globally Accepted**

Manufacturing electrical equipment for exports? The Cooper Bussmann NH fuse line is acceptable throughout the globe. The range conforms to IEC / IS(BIS) / VDE and carry stringent globally accepted markings – VDE / CCC / CE.

- **Accessories :**

Full range of Accessories – Fuse base, Fuse Rail, Fuse Pulling Handle, Isolating links, etc available.



## 500V, NH DIN style, LV Fuses with Double Indication System

### NH Fuse Specification

**Description :** Square bodied, industrial fuses for global electrical protection, Metallic as well as Insulated Tag variants.

**Technical Data :**

Voltage Ratings	: 500V AC / 250V DC
Ampere Ratings	: 2A – 630A in Dual indication, 800A – 1600 single(top) indicator
Breaking Capacity	: 120kA @ 500V AC,
Rated Frequency	: 50/60Hz
Sizes	: DIN 000 to 3, 4/4a
Class	: gL/gG

**Standards/Approvals :**

IEC 60269-1, VDE0636, DIN 43 620, IS 13703

The NH DIN low voltage fuse system offered by Cooper Bussmann includes fuse links bearing the following marks :



**Environment :** RoHS compliant, Pb and Cd Free

**Packaging :** Packed in 3's upto 800A



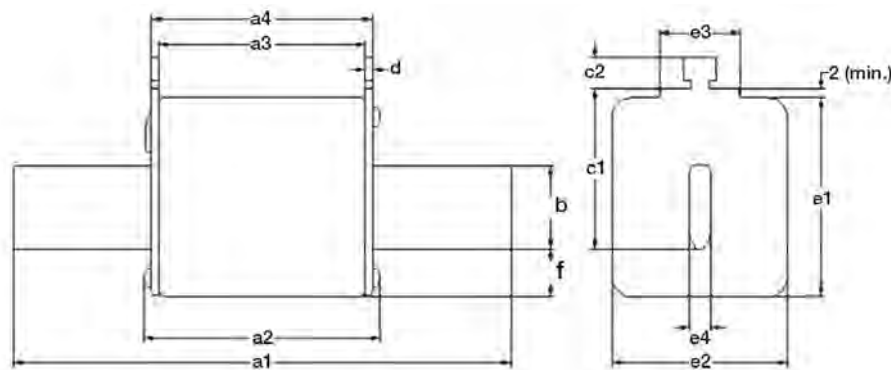
### Catalogue Numbers

Size	Rated Current (A)	gG - gL Dual Indicator		Size	Rated Current (A)	gG - gL Dual Indicator		Size	Rated Current (A)	gG - gL Dual Indicator	
		Voltage conducting metal gripping lugs	Voltage free metal gripping insulated lugs			Voltage conducting metal gripping lugs	Voltage free metal gripping insulated lugs			Voltage conducting metal gripping lugs	Voltage free metal gripping insulated lugs
000	2	2NHG000B	2NHG000BI	01	6A to 80A on request		03	250	250NHG03B	250NHG03BI	
	4	4NHG000B	4NHG000BI		100	100NHG01B		100NHG01BI	315	315NHG03B	315NHG03BI
	6	6NHG000B	6NHG000BI		125	125NHG01B		125NHG01BI	355	355NHG03B	355NHG03BI
	10	10NHG000B	10NHG000BI		160	160NHG01B		160NHG01BI	400	400NHG03B	400NHG03BI
	16	16NHG000B	16NHG000BI	1	200	200NHG1B	200NHG1BI	3	425	425NHG3B	-
	20	20NHG000B	20NHG000BI		224	224NHG1B	224NHG1BI		450	450NHG3B	-
	25	25NHG000B	25NHG000BI		250	250NHG1B	250NHG1BI		500	500NHG3B	-
	32	32NHG000B	32NHG000BI		315	315NHG1B	-		630	630NHG3B	-
	35	35NHG000B	35NHG000BI	02	35	35NHG02B	35NHG02BI	4*	500A / 630A on request		
	40	40NHG000B	40NHG000BI		40	40NHG02B	40NHG02BI		800	800NH4G	-
	50	50NHG000B	50NHG000BI		50	50NHG02B	50NHG02BI		1000	1000NH4G	-
	63	63NHG000B	63NHG000BI		63	63NHG02B	63NHG02BI		1250	1250NH4G	-
80	80NHG000B	80NHG000BI	80		80NHG02B	80NHG02BI	4A*	630A / 800A on request			
100	100NHG000B	100NHG000BI	100		100NHG02B	100NHG02BI		1000	1000NH4AG	-	
00	125	125NHG00B	125NHG00BI		125	125NHG02B		125NHG02BI	1250	1250NH4AG	-
	160	160NHG00B	160NHG00BI		160	160NHG02B		160NHG02BI	1600	1600NH4AG	-
0	6A to 63A on request				200	200NHG02B	200NHG02BI				
	80	80NHG0B	-		224	224NHG02B	224NHG02BI				
	100	100NHG0B	-	250	250NHG02B	250NHG02BI					
	125	125NHG0B	-	315	315NHG2B	315NHG2BI					
0s	160	160NHG0B	-	355	355NHG2B	355NHG2BI					
	200	200NHG0SB	-	400	400NHG2B	400NHG2BI					

Note :

- 1) \* - standard single indicator type
- 2) Also available on request -
  - 400 / 415 V class - low watt loss fuses
  - aM fuses - 500 V & 690 V class
  - gG 690 Volts fuses

### Dimensions



Size	a1	a2 (max)	a3	a4 (max)	b (nom)	c1(±8)	c2 (nom)	d (nom)	e1 (max)	e2 (max)	e3 (max)	e4 (max)	f (max)
000	78.5 ± 1.5	54	45 ± 1.5	49 ± 1.5	15	35	10	2 ± 0.5	41	21	21	6	8
00	78.5 ± 1.5	54	45 ± 1.5	49 ± 1.5	15	35	10	2.5 ± 0.5	48	30	25	6	15
0	125 ± 2.5	68	62 ± +3/-1.5	68 ± -1.5/-3	15	35	11	2.5 ± 0.5	48	30	25	6	15
0s	125 ± 2.5	68	62 ± 2.5	68 ± 2.5	20	40	11	2.5 ± 0.5	53	52	25	6	15
01	135 ± 2.5	75	62 ± 2.5	68 ± 2.5	15	40	11	2.5 ± 0.5	48	30	25	6	15
1	135 ± 2.5	75	62 ± 2.5	68 ± 2.5	20	40	11	2.5 ± 0.5	53	52	25	6	15
02	150 ± 2.5	75	62 ± 2.5	68 ± 2.5	20	48	11	2.5 ± 0.5	53	52	25	6	15
2	150 ± 2.5	75	62 ± 2.5	68 ± 2.5	25	48	11	2.5 ± 0.5	61	60	25	6	15
03	150 ± 3	75	62 ± 2.5	68 ± 2.5	25	60	11	2.5 ± 0.5	61	60	25	6	15
3	150 ± 3	75	62 ± 2.5	68 ± 2.5	32	60	11	3 ± 0.5	76	75	25	6	18