

NH DIN Dual Indication Fuse Links

Class gG/gL, 500Vac, 2 to 1250 Amps, Sizes 000 to 4

NH



Standards/Approvals

- IEC 60269, VDE 0636, DIN 43620 Part 1 and 3

Description

A square bodied range of industrial fuse links for a wide variety of applications.

Packaging

All fuse links are packed in 3's, except size 4 packed individually.

Technical Data

- Size: 000 to 4
- Rated voltage: 500Vac/250Vdc
- Amps: 2 to 1250A
- Rated breaking capacity: 120kA
- Operating frequency: 45-62Hz
- Design - Steatite insulator
 - Corrosion-resistant aluminium end plates
 - Corrosion-resistant plated steel screws
- Contact blade: Full contact silver plated brass blades

Environmental

- 100% recyclable (including packaging)
- RoHS compliant
- Cadmium and lead free for sizes 000 to 4

Features

- Reliable dual indicator system
- Available with or without insulated metal gripping lugs

Catalogue Symbol

- With metal gripping lugs: (amp)NHG(Size)B
- With insulated metal gripping lugs: (amp)NHG(Size)BI

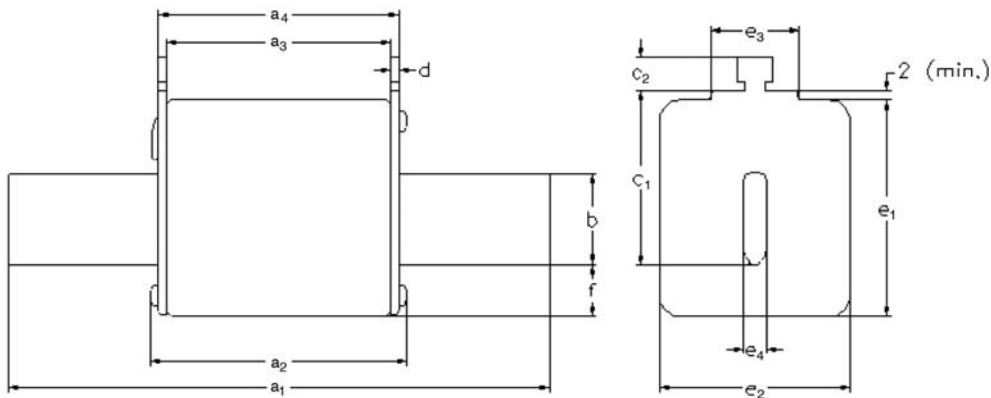
Operation Class: gG/gL

Fuse Holders

- Fuse bases: SB*-D single-pole, TB*-D three-pole
- Fuse rails - vertical: BFR
- Fuse switch disconnectors vertical: BFD
- Fuse switch disconnectors horizontal: BFH

* Select required size of fuse base

Dimensions - mm



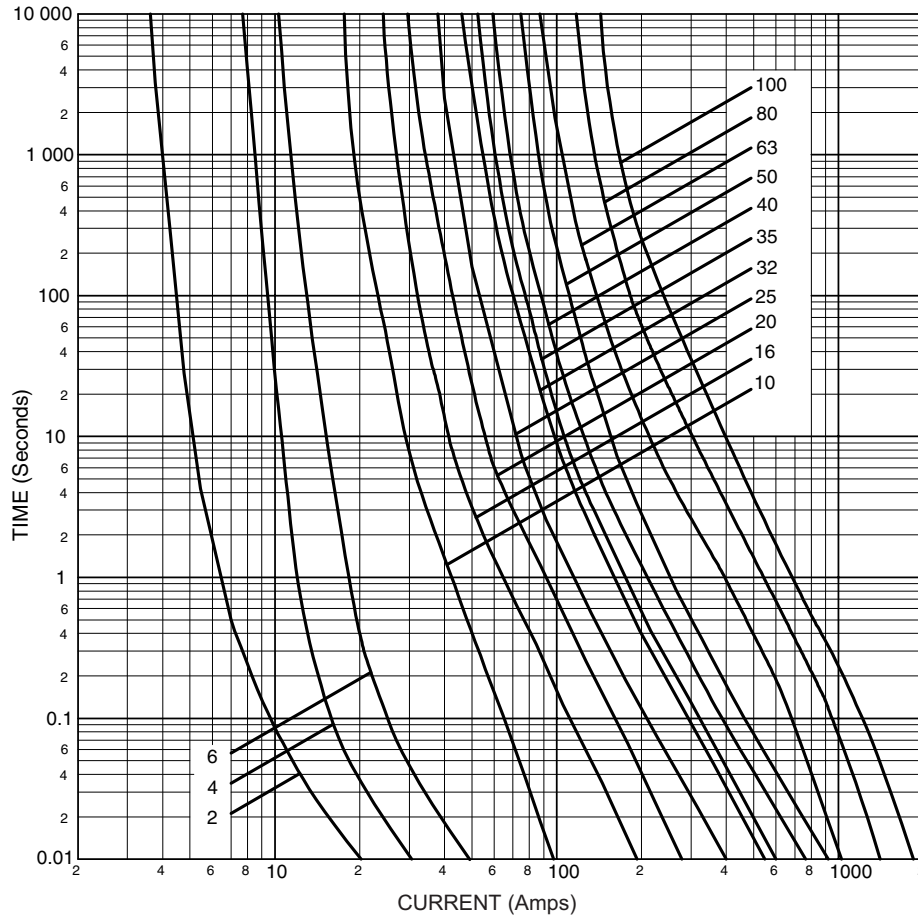
Size	a ₁	a ₂ (max)	a ₃	a ₄	b	c ₁	c ₂	d	e ₁ (max)	e ₂ (max)	e ₃ (max)	e ₄	f (max)
000	78.5±1.5	54	45±1.5	49±1.5	15	35	10	2±0.5	41	21	16	6	8
00	78.5±1.5	54	45±1.5	49±1.5	15	35	11	2±0.5	48	30	25	6	15
0	125±2.5	68	62 ^{+3/-1.5}	68 ^{+1.5/-3}	15	35	11	2.5±0.5	48	30	25	6	15
01	135±2.5	75	62±2.5	68±2.5	15	40	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±2.5	75	62±2.5	68±2.5	25	60	11	2.5±0.5	61	60	25	6	15
3	150±2.5	75	62±2.5	68±2.5	32	60	11	3±0.5	75	70	25	6	18
4	200	84	80	90	50	85	10	3	102	87	-	8	30

NH DIN Dual Indication Fuse Links

Class gG/gL, 500Vac, 2 to 100 Amps, Size 000

NH

Size 000 Time-Current Characteristics



Size 000 Technical Data

Part Numbers with Metal Gripping Lugs	Part Numbers with Insulated Metal Gripping Lugs	Amp Rating	i^2t (Amps ² Seconds)			Watts Loss	Net Weight per Fuse
			Minimum Pre-arcing	$20 \times I_n$ @ 500Vac	* I_1 120kA @ 500Vac		
2NHG000B	2NHG000BI	2	4	-	6	3.9	0.13 kg
4NHG000B	4NHG000BI	4	6	-	12	1.8	
6NHG000B	6NHG000BI	6	14	-	21	2.0	
10NHG000B	10NHG000BI	10	58	290	252	1.5	
16NHG000B	16NHG000BI	16	234	1170	1000	2.3	
20NHG000B	20NHG000BI	20	584	3000	2400	2.2	
25NHG000B	25NHG000BI	25	1000	4600	3700	2.8	
32NHG000B	32NHG000BI	32	2400	11800	9400	3.7	
35NHG000B	35NHG000BI	35	2400	11800	9400	3.7	
40NHG000B	40NHG000BI	40	3300	16500	13200	4.0	
50NHG000B	50NHG000BI	50	5600	27800	16700	4.9	
63NHG000B	63NHG000BI	63	6300	24900	18700	4.6	
80NHG000B	80NHG000BI	80	9800	38900	29200	6.3	
100NHG000B	100NHG000BI	100	18100	72300	54300	7.4	

* I_1 is the maximum breaking capacity test at rated voltage according to IEC 60269 requirement.

Dimensions - mm

