



## IEC Cylindrical Fuses and Holders



**Dual Indicator System**

Bussmann patented dual indicator provides clear indication,ensuring extremely reliable local and remote signaling,decreasing fuse link replacement time and costs.

•with the use of an optional microswitch accessory



**Low Power Loss**

Bussmann NH “low watts loss” fuse links reduce overall operating costs and carbon footprint through lower energy consumption and heat transfer to equipment.To find out how much you can save,please contact our technical applications department : buletechnical@eaton.com.



**Globally Compliant**

bussmann NH fuse links are tested and comply with IEC 60269,DIN 43620,VDE,CE,CCC (China),RoHS and can be recycled,ensuring global acceptance.

Cd/Pb-free

**Lead and Cadmium Free**

Bussmann is the world’s first true manufacturer of a complete range of Lead and Cadmium free NH fuse links.Negating any legislation concerns regarding the amount of hazardous materials permissible within the fuse links.



**Recycling**

Bussmann is dedicated to produce recyclable products and is a member of an industry recognised recycling scheme. The“HRC” symbol on Bussmann NH fuse links define the product suitable for recycling,limiting disposal cost.

**Product Range**

**Ordering Key**

oltage	Class	Size	Amps																Page							
			2	4	6	10	16	20	25	32	35	40	50	63	80	100	125	160		200	224	250	315	400	425	500
400V	gG	000	[Yellow]																13							
		00	[Yellow]																14							
		01	[Yellow]																15							
		1	[Yellow]																15							
		02	[Yellow]																16							
		2	[Yellow]																16							
		03	[Yellow]																17							
		3	[Yellow]																17							
500	gG	000	[Yellow]																21							
		00	[Yellow]																22							
		0	[Yellow]																23							
		01	[Yellow]																24							
		1	[Yellow]																24							
		02	[Yellow]																25							
		2	[Yellow]																25							
		03	[Yellow]																26							
690	gG	000	[Yellow]																31							
		00	[Yellow]																31							
		0	[Yellow]																32							
		1	[Yellow]																33							
		2	[Yellow]																34							
		3	[Yellow]																35							
500	aM	00	[Yellow]																38 to 41							
		0	[Yellow]																38 to 41							
		1	[Yellow]																38 to 41							
		2	[Yellow]																38 to 41							
690	aM	000	[Yellow]																38 to 41							
		0	[Yellow]																38 to 41							
		1	[Yellow]																38 to 41							
		2	[Yellow]																38 to 41							

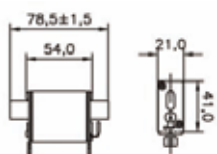
■ : Part available, for example Size 00 400V is available in 125 & 160A

Current rating	100					
NH fuse link		NH				
Utilisation class			G			
Body size				000		
Bussmann					B	
Insulated metal gripping lugs(optional)						I
complete part number	100	NH	G	000	B	I

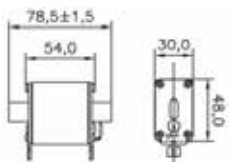
**Intuitive Part Number**

Bussmann logical part numbering system provides simple identification of fuse link current, utilisation class,size and voltage, ensuring easy identification on site reducing replacement time and improving network productivity.

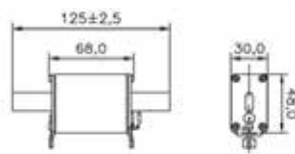
Size 000



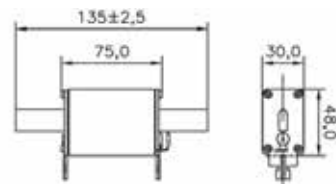
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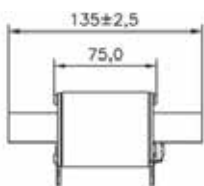
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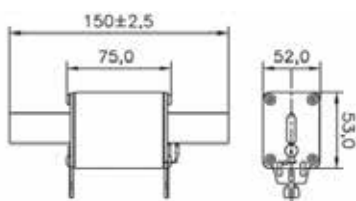
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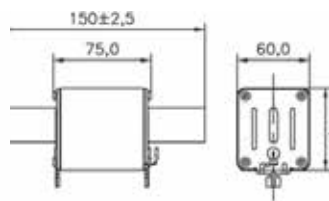
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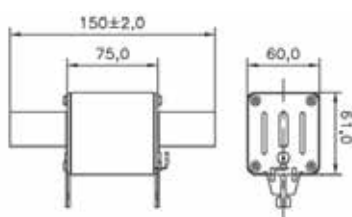
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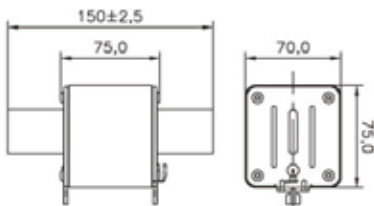
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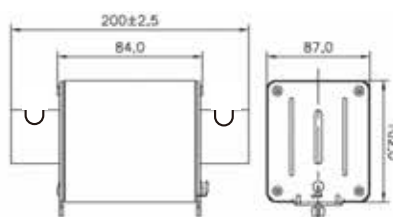
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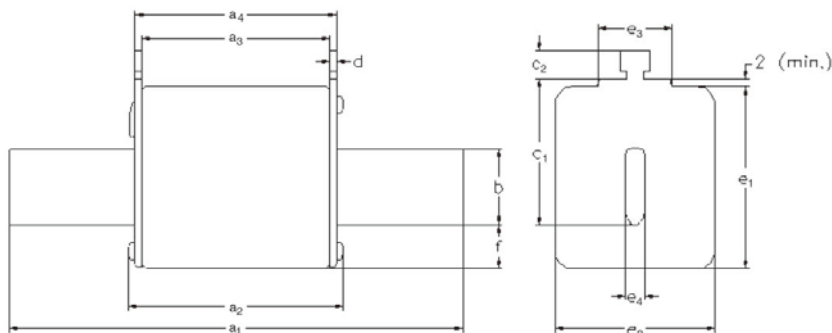
Size 3



Size 4



NH Fuse Link Dimensions - mm



Size	a <sub>1</sub>	a <sub>2</sub> (max)	a <sub>3</sub>	a <sub>4</sub>	b	c <sub>1</sub>	c <sub>2</sub>	d	e <sub>1</sub> (max)	e <sub>2</sub> (max)	e <sub>3</sub> (max)	e <sub>4</sub>	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 <sup>+3</sup> <sub>-1.5</sub>	68 <sup>+1.5</sup> <sub>-3</sub>	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

SB\*-D, SB\*-S  
Up to 690V/160-1250A  
Sizes 00, 0, 1, 2, 3, 4



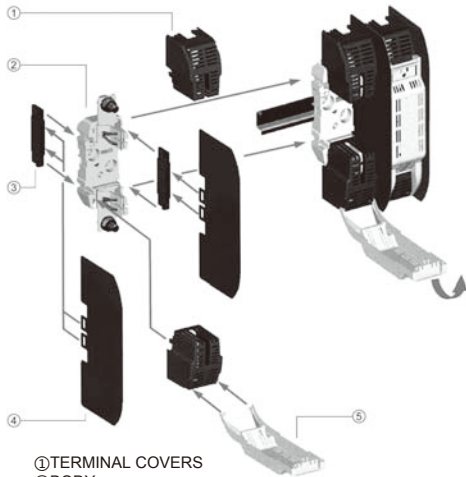
**Description:** NH fuse bases with thermoplastic bodies. DIN rail and screw mounting (size 4 screwfix). Range of protection accessories for live parts in order to obtain IP20 protection standard.

**Ratings:**

- Voltage: up to 690vac
- Amps: 2 to 1250A

**Applications:** Protection of industrial circuits and electrical apparatus

Standards and Approvals: IEC 60269, DIN 43620



- ① TERMINAL COVERS
- ② BODY
- ③ SEPARATOR
- ④ PARTITION WALL
- ⑤ FUSE LINKS COVER

**Part Numbers**

Size	Poles	Current (Amps)	Part Numbers	Carton Quantity	Compatible Fuse Link Size
			DIN Screw		
00	1 3	160A	SB00-D	3 1	000 & 00
			TB00-D TB00-D-IP20		
0	1 3	160A	SB0-D	3 1	0
			TB0-D		
1	1 3	250A	SB1-D	3 1	01 & 1
			TB1-D		
2	1 3	400A	SB2-D	3 1	02 & 2
			TB2-D		
3	1 3	630A	SB3-D	3 1	03 & 3
			TB3-D		
4	1	1250A	SB4-S (Screw Connection only)	3	4

**Neutral**

Size	Current (Amps)	Part Ref	Carton Quantity
NH00	160	SL00	3
NH0	160	SL0	
NH1	250	SL1	
NH2	400	SL2	
NH3	630	SL3	
NH4	1000	SL4	



**Fuse extraction handle**

Size	Part Ref	Carton Quantity
C00-3	FEH	1

\* with glove



**Protection accessories**

Size	Current (Amps)	Separation Partition 4		Fuse Casing 5		Terminal Cover 1		Separator 3	
		Part Ref	Carton Quantity	Part Ref	Carton Quantity	Part Ref	Carton Quantity	Part Ref	Carton Quantity
NH00*	160A	SP00*	2	FC00*	3	CS00*	6	BC00*	2
NH0	160A	SP0	2	FC0	3	CS0	6	BC0	2
NH1	250A	SP1-2	2	FC1-2	3	CS1	6	BC1-2	2
NH2	400A	SP1-2	2	FC1-2	3	CS2	6	BC1-2	2
NH3	630A	SP3	2	FC3	3	CS3	6	BC3	2

\* For single pole only

**IP Protection Kits**

Part Reference	Description
TB00-D-IP20	Complete triple pole fuse base IP20 rated
FPK0-3P	IP20 kit for TB0-D fuse base
FPK1-3P	IP20 kit for TB1-D fuse base
FPK2-3P	IP20 kit for TB2-D fuse base
FPK3-3P	IP20 kit for TB3-D fuse base

**Microswitch**

Part Ref	Carton Quantity
BVL-50	1



Microswitch suitable for the following NH Fuse links:  
 - 400 Volts gG/gL  
 - 500 Volts gG/gL and aM  
 - 690 Volts gG/gL and aM

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