



Eaton's Bussmann Series NH 800 V a.c. gG fuse links are designed to ensure cable protection up to 800 V a.c.

They are also ideally suited for the cable protection on the AC side of solar string inverters with outputs up to 800 V a.c.

Features and benefits

- **Compact fuse design** reduces the space required in the application. This facilitates the incorporation of additional components and creation of more streamlined designs.
- **Low power loss** ensures that a greater proportion of the electrical energy is utilized for its intended purpose, rather than being wasted as heat. Consequently, systems equipped with low power loss fuses exhibit improved overall efficiency, leading to substantial energy savings over time.
- Eaton's unique **dual indicator** design provides a clear visual indication when the fuse has blown. It becomes impossible to overlook a blown fuse, ensuring that defective fuses are promptly replaced, therefore maintaining the integrity of the electrical system..

Specifications

- Sizes: IEC DIN style NH 00 to 3
- Rated voltage: 800 V a.c.
- Rated current: 2 to 315 A
- Breaking capacity: 80 kA
- Class of operation: gG/gL
- Standards: IEC 60269-2



Technical Data

Size	Rated current (Amps)	Rated voltage (V a.c.)	gG dual indicator		Total clearing I2t 800VAC (A2s)	Power loss at 100% In (W)	Compatible fuse holder		
			Voltage conducting metal gripping lugs	Pre-arcing I2t (A2s)			Article number	Part number	Compatible microswitch
00	2	800	2NHG00B-800	1	35	1.2	179754	NHW-SLS-00/H	170H0236
00	4	800	4NHG00B-800	8	50	1.3	179754	NHW-SLS-00/H	170H0236
00	6	800	6NHG00B-800	26	110	1.7	179754	NHW-SLS-00/H	170H0236
00	10	800	10NHG00B-800	58	2000	1.5	179754	NHW-SLS-00/H	170H0236
00	16	800	16NHG00B-800	215	2100	2.4	179754	NHW-SLS-00/H	170H0236
00	20	800	20NHG00B-800	350	3150	3	179754	NHW-SLS-00/H	170H0236
00	35	800	35NHG00B-800	1400	6000	5	179754	NHW-SLS-00/H	170H0236
00	40	800	40NHG00B-800	1750	7500	5.7	179754	NHW-SLS-00/H	170H0236
00	50	800	50NHG00B-800	3400	14,000	6.6	179754	NHW-SLS-00/H	170H0236
00	63	800	63NHG00B-800	5600	22,500	8.4	179754	NHW-SLS-00/H	170H0236
1	32	800	32NHG1B-800	1400	12,500	3.3	179756	NHW-SLS-1	170H0236
1	40	800	40NHG1B-800	2000	18,500	4.1	179756	NHW-SLS-1	170H0236
1	50	800	50NHG1B-800	3700	32,500	5.0	179756	NHW-SLS-1	170H0236
1	63	800	63NHG1B-800	5600	49,500	6.5	179756	NHW-SLS-1	170H0236
1	80	800	80NHG1B-800	6500	36,000	9.6	179756	NHW-SLS-1	170H0236
1	100	800	100NHG1B-800	11,000	59,000	11.8	179756	NHW-SLS-1	170H0236
1	125	800	125NHG1B-800	23,500	125,000	12.4	179756	NHW-SLS-1	170H0236
1	160	800	160NHG1B-800	40,000	215,000	16.50	179756	NHW-SLS-1	170H0236
2	160	800	160NHG2B-800	53,000	340,000	15.7	179757	NHW-SLS-2	170H0235
2	200	800	200NHG2B-800	86,000	390,000	18.6	179757	NHW-SLS-2	170H0235
2	250	800	250NHG2B-800	154,000	690,000	23.5	179757	NHW-SLS-2	170H0235
3	200	800	200NHG3B-800	53,000	340,000	15.7	179758	NHW-SLS-3	170H0235
3	250	800	250NHG3B-800	86,000	390,000	18.6	179758	NHW-SLS-3	170H0235
3	315	800	250NHG2B-800	154,000	690,000	23.5	179758	NHW-SLS-3	170H0235

Compatible fuse bases

Compatible NH Fuse link body size	Poles	Rated current (Amps)	DIN-Rail and screw mounting			Data sheet
			DIN-Rail and screw mounting	Screw mounting only	DIN-Rail and screw mounting without anti-rotation terminal	
00	1-pole	63	SD00-D-800	SD00-S-800	SD00-DA-800	TD134004EN
1	1-pole	160	SD1-D-800	SD1-S-800	SD1-DA-800	
2	1-pole	250	SD2-D-800	SD2-S-800	SD2-DA-800	
3	1-pole	315	SD3-D-800	SD3-S-800	SD3-DA-800	

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