

EFEN NH Low Voltage High Rupturing Capacity Fuses and Solid Links

For horizontal and vertical disconnects



NH stands for “low voltage high rupturing capacity” (from the German: Niederspannungs Hochleistungs Sicherungen). NH fuses have a breaking capacity generally exceeding 100 kA, which covers virtually all the short-circuit currents expected to be encountered in low voltage systems.

The NH fuse system is used worldwide, and comprises fuses, solid links, fuse bases and fuse switch disconnects. NH fuses are designed to be used by authorised persons, and as such their design does not provide inherent protection against electric shock; instead, the fuse switch disconnect provides this protection. Weber EFEN SILAS and IN series horizontal disconnects are fully compliant in this regard and

EFEN E3 vertical disconnects deliver best practise, with fully shrouded source and load contacts, even in the open position.

NH fuses and links sizes 00, 1, 2, 3 and 4a for which fully standardised bases are available.

There is no minimum operating voltage that must be observed for NH fuses, and they are designed to operate with ac systems from 45-62 Hz.

For most distribution line and cable applications, NH fuses with utilisation category gG are specified. These have full-range breaking capacity for general application, and have a time-current characteristic aligned to meet the current carrying capacity of insulated conductors. Hamer stocks a range of the most commonly used sizes of gG fuses. Other specialised fuses with different operating characteristics are also available.

Product selection table: fuse links

NH size	Hamer code	Rated current A
00	WEF00006	6
	WEF00010	10
	WEF00016	16
	WEF00020	20
	WEF00025	25
	WEF00032	32
	WEF00040	40
	WEF00050	50
	WEF00063	63
	WEF00080	80
	WEF00100	100
	WEF00125	125
	WEF00160	160
	1	WEF1040
WEF1050		50
WEF1063		63
WEF1080		80
WEF1100		100
WEF1125		125
WEF1160		160
WEF1200		200
WEF1250		250

Product selection table: fuse links

NH size	Hamer code	Rated current A
2	WEF2050	50
	WEF2063	63
	WEF2080	80
	WEF2100	100
	WEF2125	125
	WEF2160	160
	WEF2200	200
	WEF2250	250
	WEF2315	315
	WEF2355	355
	WEF2400	400
3	WEF3315	315
	WEF3355	355
	WEF3400	400
	WEF3500	500
	WEF3630	630
	WEF3800	800
4a	WEF4800	800
	WEF41000	1000
	WEF41250	1250
	WEF41600	1600

Product selection table: solid links

NH size	Hamer code	Rated current A
0	WEFS0	160
1	WEFS1	250
2	WEFS2	400
3	WEFS3	630
4a	WEFS4	1600

Notes

Fuse links are rated for use up to 500 Vac

Other literature available on request

Test reports, technical data sheets

For more information contact your Hamer representative
Hamer Limited reserve the right to amend product details without notice.

DS0045 01-17