

GS NH FUSE LINKS FOR SEMICONDUCTORS 690V AC

371465

Semiconductor High Speed fuses NH3 gS 690V 500A

- Rated up to 690VAC or 400VDC
- Sizes between NH000-NH3
- current ratings between 20A up to 630A



PRODUCT DESCRIPTION

RAPIDPLUS® NH000 GS 690 V AC SEMICONDUCTOR FUSE LINKS – ULTRA-FAST PROTECTION FOR POWER ELECTRONICS

Engineered for precision and speed, DF Electric's **Rapidplus® NH000 gS 690 V AC semiconductor fuse links** deliver advanced protection for sensitive power electronics such as **diodes, thyristors, triacs, and IGBTs** used in rectifiers, inverters, UPS units, welding systems, soft starters, and variable frequency drives.

KEY FEATURES

- **gS class (IEC/EN 60269-4)** – Combines fast-acting response with full clearing of overloads, short-circuits, and overcurrents
- **Rated for high voltage** – 690 V AC ($\pm 10\%$), up to 440 V DC with L/R = 10 ms, and breaking capacity of 100 kA (AC) / 30 kA (DC)
- **Compact NH000 size** – Available in 20–100 A ratings; five larger NH sizes in the full gS series (up to 630 A)
- **Low power dissipation** – Reduced losses allow use in standard NH fuse bases and switch disconnecter gear

TECHNICAL DATA

GENERAL DATA

Type	NH3 gS
Rated current	500 A
Voltage ac max	690 V
Voltage dc max	440 V

RATED OPERATING CONDITIONS

Operational temperature	-25.....60
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ADDITIONAL DATA

Tariff code	85361090
Country of origin	ES
Pack size	3

Weight

1.02 kg