

AR NH FUSE LINKS FOR SEMICONDUCTORS

365020

Semiconductor High Speed fuses NH000 aR 690V 16A

- Rated up to 690VAC & 440VDC
- Rated currents between 16A up to 1000A
- 100KA breaking capacity



PRODUCT DESCRIPTION

RAPIDPLUS® NH000 AR SEMICONDUCTOR FUSE LINK – ULTRA-FAST PROTECTION FOR POWER ELECTRONICS

DF Electric's Rapidplus® NH000 aR fuse links deliver lightning-fast fault clearance to safeguard power semiconductor devices like IGBTs, thyristors, diodes, triacs, and more in critical applications.

KEY FEATURES

- **aR operating class (IEC/EN 60269-4)** provides ultra-fast fuse operation with minimal I^2t , reducing stress on semiconductors.
- **Rated Voltage:** 690 V AC (+10%); capable of up to 440 V DC (L/R = 10 ms)
- **Current Range:** 16A (NH000) to up to 1000A (NH3 size)
- **Breaking Capacity:** 120 kA @ 690 V AC and 30 kA @ 440 V DC
- **Low I^2t Design:** Pure silver melting elements and solidified sand ensure quick arc extinguishing and minimal let-through
- **Visual Trip Indicator & Microswitch Compatible:** Offers instant fault visibility and remote signalling options

TECHNICAL DATA

GENERAL DATA

Type	NH000 aR
Rated current	16 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	85361050
Country of origin	ES

Weight	120 g
Pack size	3