

SEMICONDUCTOR FUSE DATASHEET

Product Identification

Manufacturer: Eaton (Bussmann Series)
Part Number: 170L9697
Type: High-Speed Semiconductor Fuse
Standard: IEC 60269-4

Electrical Ratings

Parameter	Value
Rated Current	1100 A
Rated Voltage	1000 V AC
Frequency	45–62 Hz
Breaking Capacity	Up to 200 kA
Class	aR (Ultra-fast)

Construction Details

Body Type: Square Body (3BKN/80)
Mounting: Bolt-on
Element: Silver
Cooling: Natural / Forced Air

Applications

Induction Furnaces, Rectifiers, IGBT Inverters, UPS, DC Drives

Important Notes

- For short-circuit protection only
- Must coordinate with IGBT I_{2t} rating
- Not suitable for overload protection