ABB FUSELINE OFAF

Product Data Sheet

OFAF3H500

Five-Hundred-Ampere Fuse Link

RATED CURRENT	AC VOLTAGE RATING	UTILIZATION CATEGORY	IEC FUSE FORMAT
500 A	**500 V AC**	**gG**	**3**

ABB OFAF3H500 is a 500 A DIN-type fuse link in the FuseLine OFAF universal gG range. The ABB catalogue places it in IEC size 3 and rates the AC range up to 500 V. Its gG characteristic provides the general-purpose fuse behavior specified for that range rather than the aM motor-fuse characteristic.

01 TECHNICAL DATA

Rated current	500 A
AC voltage rating	500 V AC
Utilization category	gG
IEC fuse format	3
Rated power loss	44.0 W
Delivery batch	1 fuse link
DC voltage at 15-20 ms time constant	440 V DC
Applicable DC current group	250 to 500 A, IEC size 3

ABB FuseLine catalogue 1SCC317003C0202; OFAF3H500 exact current, loss, size and DC-rating table.

02 ADDITIONAL PRODUCT DATA

The exact OFAF3H500 row lists 44.0 W power loss and a delivery batch of one fuse link. The dimensional and DC-rating table also lists size 3, 250 to 500 A fuses at 440 V DC for a 15 to 20 ms time constant. Fuse-base fit, voltage type and the circuit coordination remain distinct selection requirements.

03 PRODUCT FUNCTION

Select an IEC size 3 fuse base suitable for the OFAF3H500 knife-contact arrangement and the intended circuit. The 500 A current selection must be coordinated with the installation rather than chosen only from the available holder format.

04 SYSTEM COMPATIBILITY

Use the 500 V AC gG rating for the AC circuit selection. Where a DC circuit is involved, apply the separate 440 V DC table only within the listed 250 to 500 A size 3 range and its 15 to 20 ms time-constant condition.

05 REFERENCE

ABB FuseLine catalogue 1SCC317003C0202; OFAF3H500 exact current, loss, size and DC-rating table.

AMIKON PRODUCT SUPPORT

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