Specifications

Eaton 80NHG1B-690

Catalog Number: 80NHG1B-690

Eaton Bussmann series low voltage NH Fuse, 80 A, 690 V, 120 kAIC, 7.7 Watt, Blade end

General specifications

Product Name
Eaton Bussmann series low voltage NH Fuse

Catalog Number
80NHG1B-690

EAN
5027590490993

UPC
051712193269

Product Length/Depth
135 mm

Product Height
63 mm

Product Width
40 mm

Product Weight
434 g

Compliances
RoHS Compliant
CE Marked

Certifications
IEC 60269-1
IEC 60269-2
DIN 43620

Product specifications

Type

Fuse

Special features

Live gripping lug

Application

industrial

Utilities, Solar, Wind

Amperage Rating

80 A

Fitted with:

Metal gripping lugs

Fuse size

NH1

Current type

AC

Breaking capacity

120 kA

Frequency rating - max

62 Hz

Frequency rating - min

45 Hz

Rated switching capacity

120 kA

Rated voltage AC

690 V

Class

Class gG/gL

Fuse type

Square body with knife blade contact

Accessory/spare part type

SDL-1 Solid link

FEH- Fuse extraction handle

SD12-SK Shroud kit

SD00-PB 2-phase barriers

TD1-IP20 Triple pole protection kit

Resources

Catalogs

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

CA134002EN

NH Fuse links, bases and gear

Declarations of conformity

UKCA NH Size 1, 690V fuse-links

CE NH Size 1, 690V fuse-links

eCAD model

eaton-low-voltage-nh-fuse-eplan-80nhg1b-690.edz

Multimedia

Eaton Bussmann – NH fuse link portfolio

Presentations

NH Overview Video

Utilization category

gL/gG (cable protection/equipment protection)

Interrupt rating

120 kAIC

Fuse indicator

Combination fuse status indicator

Insulated metal gripping lugs (IMGL)

No

Watt losses

7.7 W

Connection

Blade end

Construction

NH1

Construction size

NH1

Fuse shape

Square body

Knife blade contacts

Voltage type

AC

Suitable for

SD1-D Single pole NH Fuse base

TD1-D Tripe pole NH Fuse base

Microswitch 170H0236

EBH Size 00 to 4 Horizontal fuse switch-disconnectors

Material

Ceramic body

Packaging type

Standard

Quantity

3

Voltage rating

690 V

Rated switching capacity AC

120 kA



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia