Specifications

Eaton 80NHM1B-690

Catalog Number: 80NHM1B-690

Fuse-link, LV, 80 A, AC 690 V, NH1, aM, IEC, dual indicator, live gripping lugs

General specifications

Product Name
Eaton Bussmann series low voltage NH Fuse

Catalog Number
80NHM1B-690

EAN
5027590491051

Product Length/Depth
135 mm

Product Height
63 mm

Product Width
40 mm

Product Weight
407.3333333 g

Compliances
CE Marked
RoHS Compliant

Certifications
IEC 60269-1
IEC 60269-2
DIN 43620

Product specifications

Type

Fuse

Application

industrial

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 aM

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

Utilization category

aM (switchgear protection)

Interrupt rating

120 kAIC

Resources

Catalogs

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

CA134002EN

NH Fuse links, bases and gear

Declarations of conformity

CE 690V NH Motor rated

UKCA 690V NH Motor rated

eCAD model

eaton-low-voltage-nh-fuse-eplan-80nhm1b-690.edz

Multimedia

Eaton Bussmann – NH fuse link portfolio

Presentations

NH Overview Video

Technical data sheets

10165 NH 500 and 690 Volts aM

Technical service bulletins

Datasheet - 80NHM1B-690

Fuse indicator

Combination fuse status indicator

Insulated metal gripping lugs (IMGL)

No

Watt losses

5.6 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

Quantity

3

Voltage rating

690 V

Rated switching capacity AC

120 kA



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