

## Eaton 80NHG1B-690

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

|                         |                                              |
|-------------------------|----------------------------------------------|
|                         |                                              |
| PRODUCT NAME            | Eaton Bussmann series<br>low voltage NH Fuse |
| CATALOG NUMBER          | 80NHG1B-690                                  |
| UPC                     | 051712193269                                 |
| PRODUCT<br>LENGTH/DEPTH | 135 mm                                       |
| PRODUCT HEIGHT          | 63 mm                                        |
| PRODUCT WIDTH           | 40 mm                                        |
| PRODUCT WEIGHT          | 434 g                                        |
| COMPLIANCES             | RoHS Compliant<br>CE Marked                  |
| CERTIFICATIONS          | IEC 60269-1<br>IEC 60269-2<br>DIN 43620      |

|                                      |                                                                                                                                                      |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      |                                                                                                                                                      |
| 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<br>FEH- Fuse extraction handle<br>SD12-SK Shroud kit<br>SD00-PB 2-phase barriers<br>TD1-IP20 Triple pole protection kit             |
| 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<br>Knife blade contacts                                                                                                                  |
| VOLTAGE TYPE                         | AC                                                                                                                                                   |
| SUITABLE FOR                         | SD1-D Single pole NH Fuse base<br>Microswitch 170H0236<br>EBH Size 00 to 4<br>Horizontal fuse switch-disconnectors<br>TD1-D Triple pole NH Fuse base |

|                             |                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------|
| MATERIAL                    | Ceramic body                                                                                  |
| PACKAGING TYPE              | Standard                                                                                      |
| QUANTITY                    | 3                                                                                             |
| VOLTAGE RATING              | 690 V                                                                                         |
| TYPE                        | Fuse                                                                                          |
| SPECIAL FEATURES            | Live gripping lug                                                                             |
| APPLICATION                 | <ul style="list-style-type: none"><li>• industrial</li><li>• Utilities, Solar, Wind</li></ul> |
| RATED SWITCHING CAPACITY AC | 120 kA                                                                                        |

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|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| :               |