

LV HRC FUSE BASE 690V(1000V) SINGLE-  
POLE,160A,SIZE 00 PAD-TYPE TERMINAL, 95 SQMM



| Model                                                   |   |                  |
|---------------------------------------------------------|---|------------------|
| product brand name                                      |   | SENTRON          |
| Design of the thread / of the nut                       |   | M8               |
| Design of the thread / of the connection screw          |   | M8               |
| Design of the product                                   |   | LV HRC fuse base |
| General technical data                                  |   |                  |
| Number of poles                                         |   | 1                |
| Size of fuse system / acc. to DIN EN 60269-1            |   | Other            |
| Usage category                                          |   | Without          |
| circuit-breaker / Design                                |   | 3NH30            |
| Supply voltage                                          |   |                  |
| • at AC / Rated value                                   | V | 690              |
| • at DC                                                 | V | 440              |
| Electricity                                             |   |                  |
| rated current I <sub>n</sub> / IEC, DIN/VDE / at 40 Cel | A | 147.2            |
| Current / at AC / Rated value                           | A | 160              |
| Product details                                         |   |                  |
| Product component / Swivel mechanism                    |   | No               |

|                                                                                |    |    |
|--------------------------------------------------------------------------------|----|----|
| Maximum short-circuit current breaking capacity (Icu)<br>/ at DC / Rated value | kA | 25 |
|--------------------------------------------------------------------------------|----|----|

## Connections

|                                                                            |                 |                         |
|----------------------------------------------------------------------------|-----------------|-------------------------|
| • Connectable conductor cross-section / on saddle-type connector / maximum | mm <sup>2</sup> | 70                      |
| • Connectable conductor cross-section / on saddle-type connector / minimum | mm <sup>2</sup> | 6                       |
| • Connectable conductor cross-section                                      |                 |                         |
| — on terminal strip / maximum                                              | mm <sup>2</sup> | 16                      |
| — on terminal strip / minimum                                              | mm <sup>2</sup> | 1.5                     |
| — on box terminal / minimum                                                | mm <sup>2</sup> | 2.5                     |
| — on box terminal / maximum                                                | mm <sup>2</sup> | 50                      |
| — on plug-type connection / maximum                                        | mm <sup>2</sup> | 50                      |
| — on plug-type connection / minimum                                        | mm <sup>2</sup> | 2.5                     |
| Tightening torque / with screw-type terminals / maximum                    | N·m             | 14                      |
| <b>Type of electrical connection</b>                                       |                 | With flat-type terminal |
| • for main current circuit                                                 |                 | flat connector          |

## Mechanical Design

|                              |    |                |
|------------------------------|----|----------------|
| <b>Height</b>                | mm | 122            |
| <b>Width</b>                 | mm | 34             |
| <b>Depth</b>                 | mm | 60             |
| <b>Mounting type</b>         |    | fixed mounting |
| Mounting type / bus-mounting |    | No             |
| <b>Net weight</b>            | g  | 212            |
| <b>Equipment marking</b>     |    |                |
| • acc. to DIN EN 61346-2     |    | F              |
| • acc. to DIN EN 81346-2     |    | F              |

| General Product Approval | Declaration of Conformity | Test Certificates |
|--------------------------|---------------------------|-------------------|
|--------------------------|---------------------------|-------------------|



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| Test Certificates | Shipping Approval | other |
|-------------------|-------------------|-------|
|-------------------|-------------------|-------|

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GL

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## Further information

### **Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

### **Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3NH3030>

### **Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3NH3030/all>

### **Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NH3030](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NH3030)

### **CAX-Online-Generator**

<http://www.siemens.com/cax>

### **Tender specifications**

<http://ausschreibungstexte.siemens.com/tiplv>

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