



LV HRC fuse base Sz. 00, 3-pole 160 A 690 V (1000 V) Flat terminal, 95 mm<sup>2</sup>

Model	
product brand name	SENTRON
product designation	LV HRC fuse system
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	3
size of fuse system according to EN 60269-1	NH00
utilization category	Without
Supply voltage	
supply voltage	
• at AC rated value	690 V
• at DC	440 V
Current	
operational current	
• at 35 °C rated value	150.4 A
• at 40 °C rated value	147.2 A
• at 45 °C rated value	142.46 A
• at 50 °C rated value	137.6 A
• at 55 °C rated value	132.86 A
• at 60 °C rated value	129.66 A
• at 65 °C rated value	123.26 A
• at 70 °C rated value	118.4 A
• at AC rated value	160 A
Product details	
product component swivel-in mechanism	No
maximum short-circuit current breaking capacity (I <sub>cu</sub> )	
• at AC rated value	120 kA
• at DC rated value	25 kA
Connections	
connectable conductor cross-section on saddle-type connector	
• minimum	6 mm <sup>2</sup>
• maximum	70 mm <sup>2</sup>
connectable conductor cross-section on terminal strip	
• minimum	1.5 mm <sup>2</sup>
• maximum	16 mm <sup>2</sup>
connectable conductor cross-section on plug-type connection	
• minimum	2.5 mm <sup>2</sup>

- maximum tightening torque with screw-type terminals maximum type of electrical connection
- for main current circuit

50 mm<sup>2</sup>  
14 N·m  
With flat-type terminal flat connector

### Mechanical Design

height 122 mm  
width 102 mm  
depth 60 mm  
fastening method fixed mounting  
fastening method bus-mounting No  
net weight 709 g

### General Product Approval

### Declaration of Conformity



[Confirmation](#)



### Test Certificates

### Marine / Shipping

### other

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



[Environmental Confirmations](#)

[Miscellaneous](#)

### Further information

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

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

#### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NH4030>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NH4030>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NH4030](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NH4030)

#### CAx-Online-Generator

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

#### Tender specifications

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



