



LV HRC fuse base Sz. 00, 1-pole 160 A 690 V (1000 V) Plug-in connection, 2.2-50 mm²

Model	
product brand name	SENTRON
product designation	LV HRC fuse system
design of the product	LV HRC fuse base
design of the thread of the nut	M8
design of the thread of the connection screw	M8
General technical data	
number of poles	1
size of fuse system according to EN 60269-1	NH00
utilization category	Without
Supply voltage	
supply voltage	
• at AC	690 V
• at DC	440 V
Product details	
product component swivel-in mechanism	No
maximum short-circuit current breaking capacity (I _{cu})	
• at AC rated value	120 kA
• at DC rated value	25 kA
Connections	
connectable conductor cross-section on saddle-type connector	
• minimum	6 mm ²
• maximum	70 mm ²
connectable conductor cross-section on terminal strip	
• minimum	1.5 mm ²
• maximum	16 mm ²
connectable conductor cross-section on box terminal	
• minimum	2.5 mm ²
• maximum	50 mm ²
connectable conductor cross-section on plug-type connection	
• minimum	2.5 mm ²
• maximum	50 mm ²
tightening torque of the screw for securing the equipment maximum	2 N·m
tightening torque with screw-type terminals maximum	14 N·m
type of electrical connection	with plug-in terminal
• for main current circuit	tab connection
Mechanical Design	

height	128 mm
width	34 mm
depth	60 mm
fastening method	fixed mounting
fastening method bus-mounting	No
Net Weight	0.268 kg

Approvals Certificates

Environment	General Product Approval
-------------	--------------------------

[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)



[Confirmation](#)



Test Certificates	Maritime application	other
-------------------	----------------------	-------

[Special Test Certific-
ate](#)



[Miscellaneous](#)

[Confirmation](#)



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NH3031>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NH3031>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NH3031

CAX-Online-Generator

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

Tender specifications

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

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)

last modified:

12/5/2025

