

SITOR fuse link, with blade contacts, NH00, In: 80 A, aR, Un AC: 690 V, Un DC: 440 V, front indicator



Model	
Product brand name	SENTRON
Product designation	SITOR fuse link
Design of the product	With blade contacts
Design of an identification indicator	front indicator
Design of the switching contact	With blade contacts, silver-plated
Design of the fuse link	SITOR, LV HRC design

General technical data	
Size of fuse system / acc. to DIN EN 60269-1	NH00
Operating class of the fuse link	aR
Diken-export / Let-through current	DS_3NE_000_690_aR_160
circuit-breaker / Design	3NE
Varying load factor (WL)	0.95
Supply voltage	
• at AC / rated value	690 V
• at DC	440 V

Switching capacity	
Switching capacity current	

• acc. to IEC 60947-2 / rated value

100 kA

Dissipation

Power loss [W]	19 W
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	19 W

Electricity

Tripping residual / rated value / derated current / at 40 Cel	80 A
Current / at AC / rated value	80 A
Diken-export / Let-through energy	DE_3NE_000_690_aR_160

Product details

Product description	Not non-interchangeable
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Mechanical Design

Mounting position	Any, preferably vertical
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Environmental conditions

Ambient temperature	
• minimum	-20 °C
• maximum	50 °C
Environmental category	-20 to +50 at 95% relative humidity

Certificates

Reference code	
• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	F

General Product Approval

Declaration of
Conformity

other



CCC



UR



EG-Konf.

[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=3NE8020-1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NE8020-1>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NE8020-1

CAX-Online-Generator

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

Tender specifications

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

