



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	SETRON
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 according to EN 60269-1	NH00
operating class of the fuse link	aR
varying load factor (WL)	0.95
type of voltage of the operating voltage	AC/DC
Supply voltage	
supply voltage	
• at AC rated value	690 V
• at DC	440 V
Switching capacity	
switching capacity current	
• according 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
• maximum	19 W
Current	
operational current	
• at 30 °C rated value	80 A
• at 40 °C rated value	80 A
• at 45 °C rated value	80 A
• at 50 °C rated value	79.2 A
• at 55 °C rated value	78.4 A
• at 60 °C rated value	77.6 A
• at AC rated value	80 A
Product details	
product description	Not non-interchangeable
accessories included	with blade contacts for mounting in LV HRC fuse bases or switch disconnectors
Mechanical Design	
mounting position	Any, preferably vertical

net weight 203 g

Environmental conditions

ambient temperature during operation

- minimum -20 °C
- maximum 50 °C

environmental category

-20 to +50 at 95% relative humidity

General Product Approval

Declaration of Conformity

[Confirmation](#)



Test Certificates

other

[Special Test Certificate](#)

[Miscellaneous](#)

[Environmental Conformations](#)

[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?mfb=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?mfb=3NE8020-1

CAX-Online-Generator

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

Tender specifications

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



