



SITOR fuse link, with slotted blade contacts, NH1, In: 250 A, aR, Un AC: 1000 V, front indicator

| Model                                                                  |                                                                                                                                                  |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| product brand name                                                     | SETRON                                                                                                                                           |
| product designation                                                    | SITOR fuse link                                                                                                                                  |
| design of the product                                                  | With slotted 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                            | NH1                                                                                                                                              |
| operating class of the fuse link                                       | aR                                                                                                                                               |
| varying load factor (WL)                                               | 0.95                                                                                                                                             |
| type of voltage of the operating voltage                               | AC                                                                                                                                               |
| Supply voltage                                                         |                                                                                                                                                  |
| supply voltage                                                         |                                                                                                                                                  |
| • at AC rated value                                                    | 1 000 V                                                                                                                                          |
| Switching capacity                                                     |                                                                                                                                                  |
| switching capacity current                                             |                                                                                                                                                  |
| • according to IEC 60947-2 rated value                                 | 100 kA                                                                                                                                           |
| Dissipation                                                            |                                                                                                                                                  |
| power loss [W]                                                         | 50 W                                                                                                                                             |
| power loss [W]                                                         |                                                                                                                                                  |
| • for rated value of the current at AC in hot operating state per pole | 50 W                                                                                                                                             |
| • maximum                                                              | 50 W                                                                                                                                             |
| Current                                                                |                                                                                                                                                  |
| operational current                                                    |                                                                                                                                                  |
| • at 30 °C rated value                                                 | 250 A                                                                                                                                            |
| • at 40 °C rated value                                                 | 250 A                                                                                                                                            |
| • at 45 °C rated value                                                 | 250 A                                                                                                                                            |
| • at 50 °C rated value                                                 | 247.5 A                                                                                                                                          |
| • at 55 °C rated value                                                 | 245 A                                                                                                                                            |
| • at 60 °C rated value                                                 | 242.5 A                                                                                                                                          |
| • at AC rated value                                                    | 250 A                                                                                                                                            |
| Product details                                                        |                                                                                                                                                  |
| product description                                                    | Not non-interchangeable                                                                                                                          |
| accessories included                                                   | with slotted blade contacts for M10 screw mounting, mounting dimension: 110 mm, or for installation in LV HRC fuse bases or switch disconnectors |
| Mechanical Design                                                      |                                                                                                                                                  |
| mounting position                                                      | Any, preferably vertical                                                                                                                         |

## Environmental conditions

ambient temperature during operation

- minimum
- maximum

-20 °C

50 °C

environmental category

-20 to +50 at 95% relative humidity

## General Product Approval

## Declaration of Conformity



[Confirmation](#)



## Test Certificates

## other

[Special Test Certificate](#)

[Environmental Confirmations](#)

[Miscellaneous](#)

[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=3NE3227>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NE3227>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NE3227](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NE3227)

CAX-Online-Generator

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

Tender specifications

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



