

## Data sheet

**3NE3221**



Figure similar

SITOR fuse link, with slotted blade contacts, NH1, In: 100 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 slotted blade contacts for M10 screw fixing. mounting dimension: 110 mm. or for installation in LV HRC fuse bases or switch disconnectors |
| 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                                                                                                                                             |
| operating voltage at AC according to UL rated value                                                                                                 | 1 000 V                                                                                                                                        |
| Supply voltage                                                                                                                                      |                                                                                                                                                |
| supply voltage <ul style="list-style-type: none"><li>at AC</li></ul>                                                                                | 1 000 V                                                                                                                                        |
| Breaking Capacity                                                                                                                                   |                                                                                                                                                |
| switching capacity current <ul style="list-style-type: none"><li>according to IEC 60947-2 rated value</li></ul>                                     | 100 kA                                                                                                                                         |
| Dissipation                                                                                                                                         |                                                                                                                                                |
| power loss [W]                                                                                                                                      | 28 W                                                                                                                                           |
| power loss [W] <ul style="list-style-type: none"><li>for rated value of the current at AC in hot operating state per pole</li><li>maximum</li></ul> | 28 W<br>28 W                                                                                                                                   |
| Product details                                                                                                                                     |                                                                                                                                                |
| product description                                                                                                                                 | with blade contacts, silver-plated                                                                                                             |
| accessories included                                                                                                                                | no                                                                                                                                             |
| Mechanical Design                                                                                                                                   |                                                                                                                                                |
| mounting position                                                                                                                                   | Any, preferably vertical                                                                                                                       |
| net weight                                                                                                                                          | 571 g                                                                                                                                          |
| Environmental conditions                                                                                                                            |                                                                                                                                                |
| ambient temperature during operation <ul style="list-style-type: none"><li>minimum</li><li>maximum</li></ul>                                        | -20 °C<br>50 °C                                                                                                                                |
| environmental category                                                                                                                              | -20 to +50 at 95% relative humidity                                                                                                            |
| Approvals Certificates                                                                                                                              |                                                                                                                                                |
| General Product Approval                                                                                                                            |                                                                                                                                                |



[Confirmation](#)



| Test Certificates                        | other                        | Environment                   |                               |                                             |                                             |
|------------------------------------------|------------------------------|-------------------------------|-------------------------------|---------------------------------------------|---------------------------------------------|
| <a href="#">Special Test Certificate</a> | <a href="#">Confirmation</a> | <a href="#">Miscellaneous</a> | <a href="#">Miscellaneous</a> | <a href="#">Environmental Confirmations</a> | <a href="#">Environmental Confirmations</a> |

#### Further information

Information on the packaging

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

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=3NE3221>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NE3221>

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

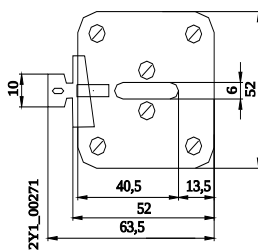
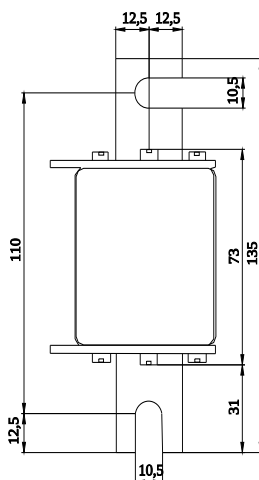
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NE3221](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NE3221)

CAX-Online-Generator

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

Tender specifications

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



last modified:

8/12/2023

