



Figure similar

SITOR fuse link, with slotted blade contacts, NH3, In: 250 A, gR, Un AC: 500 V, Un DC: 440 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 with 2 M10 oblong slots. or for installation in LV HRC fuse bases or fuse switch disconnectors |
| design of the fuse link                                                | SITOR, LV HRC design                                                                                                       |
| General technical data                                                 |                                                                                                                            |
| size of fuse system according to EN 60269-1                            | NH3                                                                                                                        |
| operating class of the fuse link                                       | gR                                                                                                                         |
| varying load factor (WL)                                               | 0.85                                                                                                                       |
| type of voltage of the operating voltage                               | AC/DC                                                                                                                      |
| operating voltage at AC according to UL rated value                    | 500 V                                                                                                                      |
| Supply voltage                                                         |                                                                                                                            |
| supply voltage                                                         |                                                                                                                            |
| • at AC                                                                | 500 V                                                                                                                      |
| • at DC                                                                | 440 V                                                                                                                      |
| Breaking 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                                                                                                                       |
| Product details                                                        |                                                                                                                            |
| product description                                                    | with blade contacts, silver-plated                                                                                         |
| accessories included                                                   | no                                                                                                                         |
| Mechanical Design                                                      |                                                                                                                            |
| mounting position                                                      | Any, preferably vertical                                                                                                   |
| net weight                                                             | 1 038 g                                                                                                                    |
| Environmental conditions                                               |                                                                                                                            |
| ambient temperature during operation                                   |                                                                                                                            |
| • minimum                                                              | -20 °C                                                                                                                     |
| • maximum                                                              | 50 °C                                                                                                                      |
| environmental category                                                 | -20 to +50 at 95% relative humidity                                                                                        |
| Approvals Certificates                                                 |                                                                                                                            |

| General Product Approval                                                          | other                                                                             | Environment                   |                              |                                                   |                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|------------------------------|---------------------------------------------------|---------------------------------------------------|
|  |  | <a href="#">Miscellaneous</a> | <a href="#">Confirmation</a> | <a href="#">Environmental Con-<br/>firmations</a> | <a href="#">Environmental Con-<br/>firmations</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=3NC2427-0C>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NC2427-0C>

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

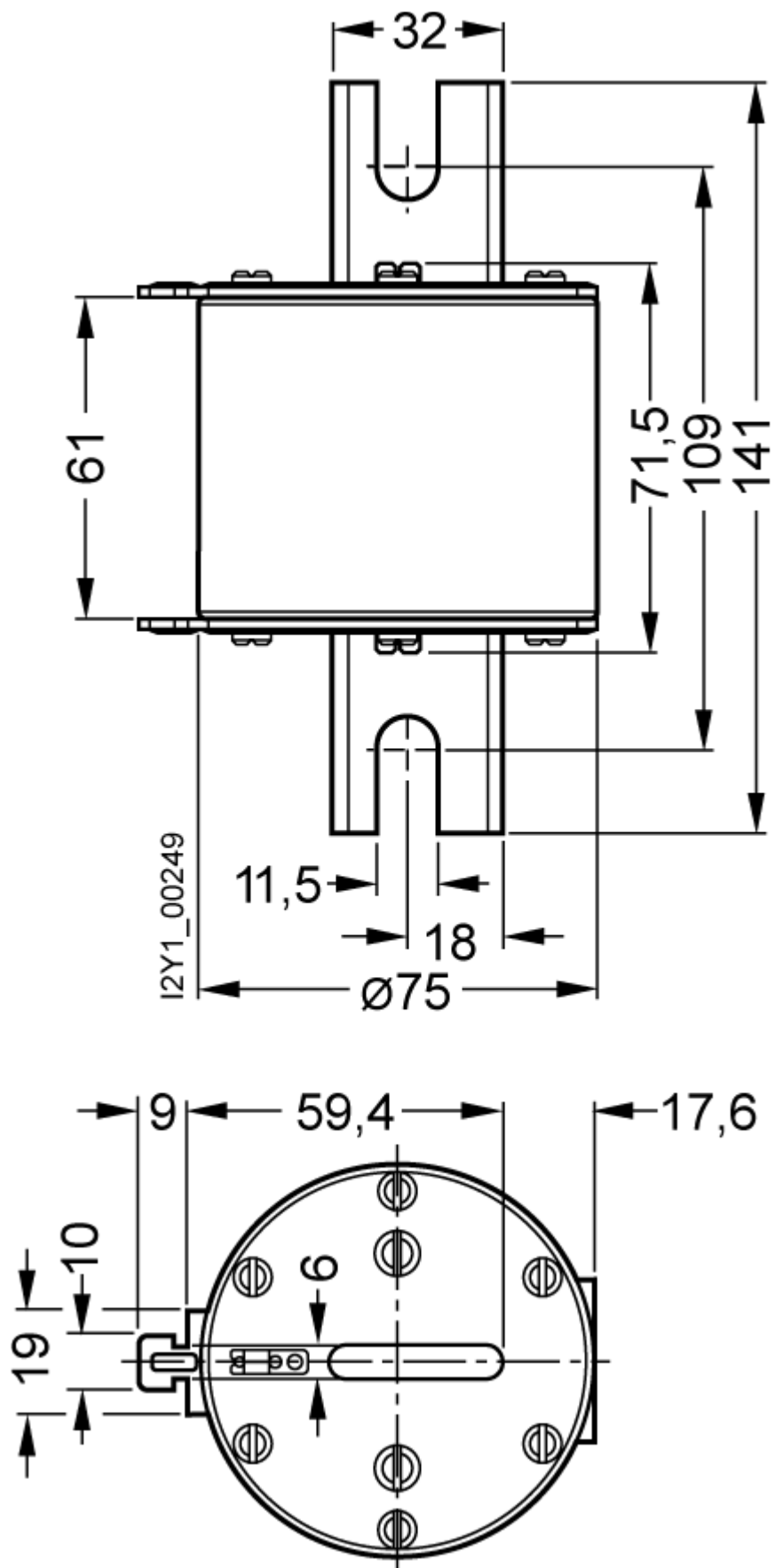
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NC2427-0C](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NC2427-0C)

CAX-Online-Generator

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

Tender specifications

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



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