

SILIZED fuse link 500 V for semiconductor protection Quick-acting, size DIVH, R1 1/4", 100A



| Model | |
|--|----------------------------------|
| Product brand name | SENTRON |
| Product designation | DIAZED fuse |
| Design of the product | for semiconductor protection |
| Design of the fuse link | SILIZED fuse link, DIAZED design |
| General technical data | |
| Tripping characteristic class | quick-acting (FE) |
| Size of fuse system / acc. to DIN EN 60269-1 | DIV |
| Operating class of the fuse link | gR |
| circuit-breaker / Design | 5SD5 |
| Supply voltage | |
| Current / at AC / rated value | 100 A |
| Supply voltage | |
| • at DC | 500 V |
| Protection class | |
| Protection class IP | IP20, with connected conductors |
| Switching capacity | |

| | |
|--|--------------------------|
| Switching capacity current | |
| <ul style="list-style-type: none"> • at DC / acc. to IEC 60947-2 / rated value • acc. to IEC 60947-2 / rated value | <p>8 kA</p> <p>50 kA</p> |

Dissipation

| | |
|---|--------|
| Power loss [W] | 41.5 W |
| Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole | 41.5 W |

Appearance

| | |
|-------------------------------|--------|
| Color coding of the fuse link | others |
|-------------------------------|--------|

Product details

| | |
|---------------------|--|
| Product description | Using screw adapter or adapter sleeves |
|---------------------|--|

Mechanical Design

| | |
|-------------------|--------------------------|
| Mounting position | Any, preferably vertical |
| Net weight | 127 g |

Environmental conditions

| | |
|------------------------|----------------------------------|
| Environmental category | Up to 45°C at 95 % rel. humidity |
|------------------------|----------------------------------|

Certificates

| | |
|--|-------------------|
| Reference code | |
| <ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 | <p>F</p> <p>F</p> |

| Declaration of Conformity | Test Certificates | other |
|---------------------------|-------------------|-------|
|---------------------------|-------------------|-------|



EG-Konf.

[Type Test Certificates/Test Report](#)

[Environmental Confirmations](#)

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=5SD520>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SD520>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD520

CAX-Online-Generator

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

Tender specifications

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

