

SILIZED FUSE LINK 500V F.SEMICONDUCTOR PROTECTION
EXTRA FAST, SIZE DIII THREAD E33, 50A



Figure similar

| Model | |
|--|----------------------------------|
| product brandname | 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 | DIII |
| Operating class of the fuse link | gR |
| circuit-breaker / Design | 5SD4 |
| Supply voltage | |
| • at AC / rated value | 500 V |
| • at DC | 500 V |
| Protection class | |
| Protection class IP | IP20, with connected conductors |
| Switching capacity | |

| | |
|---|-------|
| Switching capacity current | |
| • at DC / acc. to IEC 60947-2 / rated value | 8 kA |
| • acc. to IEC 60947-2 / rated value | 50 kA |

Dissipation

| | |
|--|--------|
| Power loss [W] | |
| • for rated value of the current / at AC / in hot operating state / per pole | 18.5 W |
| • maximum | 18.5 W |

Electricity

| | |
|-------------------------------|------|
| Current / at AC / rated value | 50 A |
|-------------------------------|------|

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 | 51 g |

Environmental conditions

| | |
|----------------------------|---------------------------|
| Ambient temperature | |
| • minimum | -5 °C |
| • maximum | 40 °C |
| • during storage / Note | Air humidity 90% at 20 °C |

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

| | |
|--------------------------|---|
| Equipment marking | |
| • acc. to DIN EN 61346-2 | F |
| • acc. to DIN EN 81346-2 | F |

| | | | |
|---------------------------------|----------------------------------|--------------------------|--------------|
| General Product Approval | Declaration of Conformity | Test Certificates | other |
|---------------------------------|----------------------------------|--------------------------|--------------|



[Typrüfbescheinigung/Werkszeugnis](#)

[Umweltbestätigung](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SD460>

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

<http://support.automation.siemens.com/WW/view/en/5SD460/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD460

CAX-Online-Generator
<http://www.siemens.com/cax>

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

