



SILIZED fuse link 500 V for semiconductor protection Quick-acting, size DIVH, R1 1/4", 80A

Figure similar

| Model   |  |
|---|--|
| product brand name  | SENTRON                                |
| product designation   | SILIZED fuse link                      |
| 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 according to EN 60269-1   | DIV                                    |
| operating class of the fuse link  | gR                                     |
| Supply voltage  |  |
| supply voltage  |  |
| • at AC   | 500 V                                  |
| • at DC   | 500 V                                  |
| Protection class  |  |
| protection class IP   | IP20, with connected conductors        |
| Breaking Capacity   |  |
| switching capacity current  |  |
| • at AC according to IEC 60947-2 rated value  | 50 kA                                  |
| • at DC according to IEC 60947-2 rated value  | 8 kA                                   |
| Dissipation   |  |
| power loss [W]  | 34.3 W                                 |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 34.3 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  | 116 g                                  |
| Environmental conditions  |  |
| ambient temperature during operation  |  |
| • minimum   | -5 °C                                  |
| • maximum   | 40 °C                                  |
| environmental category  | Up to 45°C at 95 % rel. humidity       |
| environmental category during storage   | air humidity 90% at 20°C               |
| Approvals Certificates  |  |
| Environment   | General Product Approval               |

other



[Confirmation](#)

#### Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SD510>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SD510>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SD510](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD510)

CAX-Online-Generator

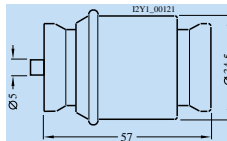
<https://www.siemens.com/cax>

Tender specifications

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

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)



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