

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



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	
Operating current / at AC / rated value	80 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"> <li>at DC / acc. to IEC 60947-2 / rated value</li> </ul>	8 kA
<ul style="list-style-type: none"> <li>acc. to IEC 60947-2 / rated value</li> </ul>	50 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	
<ul style="list-style-type: none"> <li>minimum</li> </ul>	-5 °C
<ul style="list-style-type: none"> <li>maximum</li> </ul>	40 °C
Ambient temperature / during storage	Air humidity 90% at 20 °C
Environmental category	Up to 45°C at 95 % rel. humidity

### Certificates

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

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=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, ...)**

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

**CAX-Online-Generator**

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

**Tender specifications**

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

