

DIAZED fuse link 500 V for cable and line protection gG, size DIVH, R1 1/4", 100A



### Model

product brand name	SETRON
product designation	DIAZED fuse
design of the product	For cable and line protection
design of the fuse link	DIAZED fuse link

### General technical data

tripping characteristic class	Other
size of fuse system according to EN 60269-1	DIV
operating class of the fuse link	gG

### Supply voltage

supply voltage at DC	400 V
----------------------	-------

### Protection class

protection class IP	IP20, with connected conductors
---------------------	---------------------------------

### Switching capacity

switching capacity current at DC according to IEC 60947-2 rated value	8 kA
---	------

### Dissipation

power loss [W]	8.8 W
power loss [W] for rated value of the current at AC in hot operating state per pole	8.8 W

### Current

operational current	
• at 30 °C rated value	98 A
• at 40 °C rated value	95 A
• at 45 °C rated value	92 A
• at 50 °C rated value	90 A
• at 55 °C rated value	88 A
• at 60 °C rated value	85 A
• at AC rated value	100 A

### Appearance

color coding of the fuse link	red
-------------------------------	-----

### Product details

product description	Using screw adapter or adapter sleeves
---------------------	--

### Mechanical Design

mounting position	Any, preferably vertical
net weight	119 g

### Environmental conditions

ambient temperature during operation	
• minimum	-5 °C
• maximum	40 °C

environmental category  
environmental category during storage

Up to 45°C at 95 % rel. humidity  
air humidity 90% at 20°C

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



[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=5SC221>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SC221>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SC221](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SC221)

CAX-Online-Generator

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

Tender specifications

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



