

DIAZED fuse link 500 V for cable and line protection gG, size DIVH, R1 1/4", 80A



| Model   |  |
|---|--|
| product brand name  | SENTRON                                |
| 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]  | 7.5 W                                  |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 7.5 W                                  |
| Current   |  |
| operational current   |  |
| • at 30 °C rated value  | 78.4 A                                 |
| • at 40 °C rated value  | 76 A                                   |
| • at 45 °C rated value  | 73.6 A                                 |
| • at 50 °C rated value  | 72 A                                   |
| • at 55 °C rated value  | 70.4 A                                 |
| • at 60 °C rated value  | 68 A                                   |
| • at AC rated value   | 80 A                                   |
| Appearance  |  |
| color coding of the fuse link   | silver                                 |
| Product details   |  |
| product description   | Using screw adapter or adapter sleeves |
| Mechanical Design   |  |
| mounting position   | Any, preferably vertical               |
| net weight  | 115 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=5SC211>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SC211>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SC211](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SC211)

CAX-Online-Generator

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

Tender specifications

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



