



D-Fuse DIII 50A gG 500V a.c./44 SENTRON fuse-link DIAZED size DIII In 50A gG Un 500V a.c./440V d.c.

| 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 / acc. to DIN EN 60269-1                                                | DIII                                   |
| operating class of the fuse link                                                            | gG                                     |
| Supply voltage                                                                              |                                        |
| supply voltage / at DC                                                                      | 440 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                                   |
| Dissipation                                                                                 |                                        |
| power loss [W]                                                                              | 5.7 W                                  |
| power loss [W] / for rated value of the current / at AC / in hot operating state / per pole | 5.7 W                                  |
| Current                                                                                     |                                        |
| operational current                                                                         |                                        |
| • at 30 °C / rated value                                                                    | 48.93 A                                |
| • at 40 °C / rated value                                                                    | 47.5 A                                 |
| • at 45 °C / rated value                                                                    | 46 A                                   |
| • at 50 °C / rated value                                                                    | 45 A                                   |
| • at 55 °C / rated value                                                                    | 44 A                                   |
| • at 60 °C / rated value                                                                    | 43 A                                   |
| • at AC / rated value                                                                       | 50 A                                   |
| Appearance                                                                                  |                                        |
| color coding of the fuse link                                                               | white                                  |
| 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 / during operation                                                      |                                        |
| • minimum                                                                                   | -5 °C                                  |

• maximum

40 °C

environmental category

Up to 45°C at 95 % rel. humidity

**General Product  
Approval**

other



[Miscellaneous](#)

#### 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=5SB4211>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SB4211>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SB4211](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SB4211)

**CAX-Online-Generator**

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

**Tender specifications**

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



