

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
Diken-export / Let-through current	DS_5SB_DIII_500_gG_50
circuit-breaker / Design	5SB4
Supply voltage	
Current / at AC / rated value	50 A
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
• acc. to IEC 60947-2 / rated value	50 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	
Tripping residual / rated value / derated current / at 40 Cel	47.5 A
Diken-export / Let-through energy	DE_5SB_DIII_500_gG_50
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	
• minimum	-5 °C
• maximum	40 °C
Ambient temperature / during storage	Air humidity 90% at 20 °C
Environmental category	Up to 45°C at 95 % rel. humidity

Certificates

Reference code	
• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	F

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

CAX-Online-Generator

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

Tender specifications

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