

DIAZED fuse link 500 V for cable and line protection gG, size DIII, E33, 50A



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 / acc. to DIN EN 60269-1	DIII
Operating class of the fuse link	gG
Diken-export / Let-through current circuit-breaker / Design	DS_5SB_DIII_500_gG_50 5SB4
Supply voltage	
Current / at AC / rated value	50 A
Supply voltage	500 V
• at DC	
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
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Product details

Product description	Using screw adapter or adapter sleeves
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Mechanical Design

Mounting position	Any, preferably vertical
Net weight	51 g

Environmental conditions

Ambient temperature	-5 ... +40 °C
• 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

General Product Approval

Declaration of Conformity

Test Certificates



KEMA



ÖVE



VDE



EG-Konf.

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

other

[Environmental Conformations](#)

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?mfb=5SB421>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SB421>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SB421

CAX-Online-Generator

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

Tender specifications

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

