

DIAZED fuse link 500 V for cable and line protection gG, size DIII, E33, 63A



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_63
circuit-breaker / Design	5SB4
Supply voltage	
Current / at AC / rated value	63 A
Supply voltage	
• at DC	500 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]	6.9 W
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	6.9 W

Current

Tripping residual / rated value / derated current / at 40 Cel	59.85 A
Diken-export / Let-through energy	DE_5SB_DIII_500_gG_63

Appearance

Color coding of the fuse link	copper
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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	54 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.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

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?mlfb=5SB431>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SB431>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SB431

CAX-Online-Generator

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

Tender specifications

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

