

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



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	DS_5SB_DIII_500_gG_63
circuit-breaker / Design	5SB4
Supply voltage	
Operating 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	
<ul style="list-style-type: none"> <li>• at DC / acc. to IEC 60947-2 / rated value</li> </ul>	8 kA
<ul style="list-style-type: none"> <li>• acc. to IEC 60947-2 / rated value</li> </ul>	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
Product details	
product description	Using screw adapter or adapter sleeves
Mechanical Design	
mounting position	Any, preferably vertical
net weight	54 g
Environmental conditions	
Ambient temperature	
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	-5 °C
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	40 °C
Ambient temperature / during storage	Air humidity 90% at 20 °C
Environmental category	Up to 45°C at 95 % rel. humidity
Certificates	
<ul style="list-style-type: none"> <li>• reference code / acc. to DIN EN 61346-2</li> </ul>	F
<ul style="list-style-type: none"> <li>• Reference code / acc. to DIN EN 81346-2</li> </ul>	F

General Product Approval	Declaration of Conformity	Test Certificates
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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](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>

