

SILIZED fuse link 500 V for semiconductor protection Quick-acting, size DIII, E33, 50A



Model	
Product brand name	SETRON
Product designation	DIAZED fuse
Design of the product	for semiconductor protection
Design of the fuse link	SILIZED fuse link, DIAZED design
General technical data	
Tripping characteristic class	quick-acting (FE)
Size of fuse system / acc. to DIN EN 60269-1	DIII
Operating class of the fuse link	gR
circuit-breaker / Design	5SD4
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]	18.5 W
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	18.5 W

Appearance	
Color coding of the fuse link	others

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	-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

Declaration of Conformity	Test Certificates	other
---------------------------	-------------------	-------



[Type Test Certificates/Test Report](#)

[Environmental Confirmations](#)

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=5SD460>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SD460>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD460

CAX-Online-Generator

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

Tender specifications

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

