

DIAZED fuse link 690 V for cable and line protection Operating class gG
Size DIII, E33, 50 A



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 links
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
Supply voltage	
supply voltage / at DC	600 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
Dissipation	
power loss [W]	4.6 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	4.6 W
Current	
operational current	
• at 30 °C / rated value	49 A
• at 40 °C / rated value	47.5 A
• at 45 °C / rated value	46 A
• at 50 °C / rated value	45 A
• at 55 °C / rated value	44 A
• at 60 °C / rated value	43 A
• at AC / rated value	50 A
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	79 g
Environmental conditions	

ambient temperature / during operation		-5 °C 40 °C	
• minimum • maximum			
environmental category		Up to 45°C at 95 % rel. humidity	
General Product Approval	Declaration of Conformity	Test Certificates	other



[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

[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=5SD8050>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SD8050>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD8050

CAX-Online-Generator

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

Tender specifications

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

