



Figure similar

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

Model		
product brand name		SENTRON
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 according to EN 60269-1		DIII
operating class of the fuse link		gR
Supply voltage		
supply voltage		
• at AC		500 V
• at DC		500 V
Protection class		
protection class IP		IP20, with connected conductors
Breaking Capacity		
switching capacity current		
• at AC according to IEC 60947-2 rated value		50 kA
• at DC according to IEC 60947-2 rated value		8 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 during operation		
• minimum		-5 °C
• maximum		40 °C
environmental category		Up to 45°C at 95 % rel. humidity
environmental category during storage		air humidity 90% at 20°C
Approvals Certificates		
General Product Approval		other
		Environment



[Confirmation](#)

[Environmental Con-
firmations](#)

Environment

[Environmental Con-
firmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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, ...)

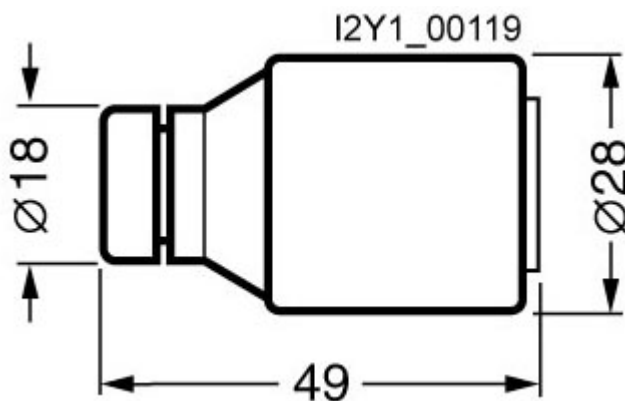
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD460

CAX-Online-Generator

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

Tender specifications

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



last modified:

4/11/2025

