SIEMENS

Data sheet 5SD8050

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



Model	
product brand name	SENTRON
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 according to EN 60269-1	DIII
operating class of the fuse link	gG
Supply voltage	
supply voltage	
● at AC	690 V
● at DC	600 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]	4.6 W
power loss [W] for rated value of the current at AC in hot operating state per pole	4.6 W
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	
● 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**

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Confirmation

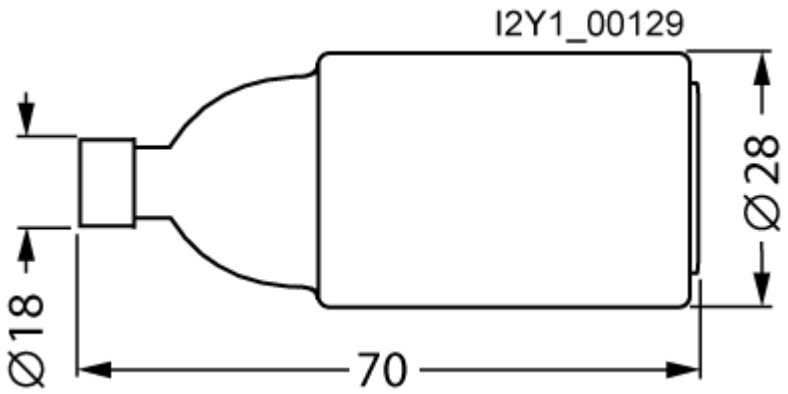
Environmental Con-firmations

Environment

Environmental Con-firmations

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD8050
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications



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