SIEMENS

Data sheet 5SD520



Figure similar

SILIZED fuse link 500 V for semiconductor protection Quick-acting, size DIVH, R1 1/4", 100A

Model	
product brand name	SENTRON
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	DIV
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]	41.5 W
power loss [W] for rated value of the current at AC in hot operating state per pole	41.5 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	114 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

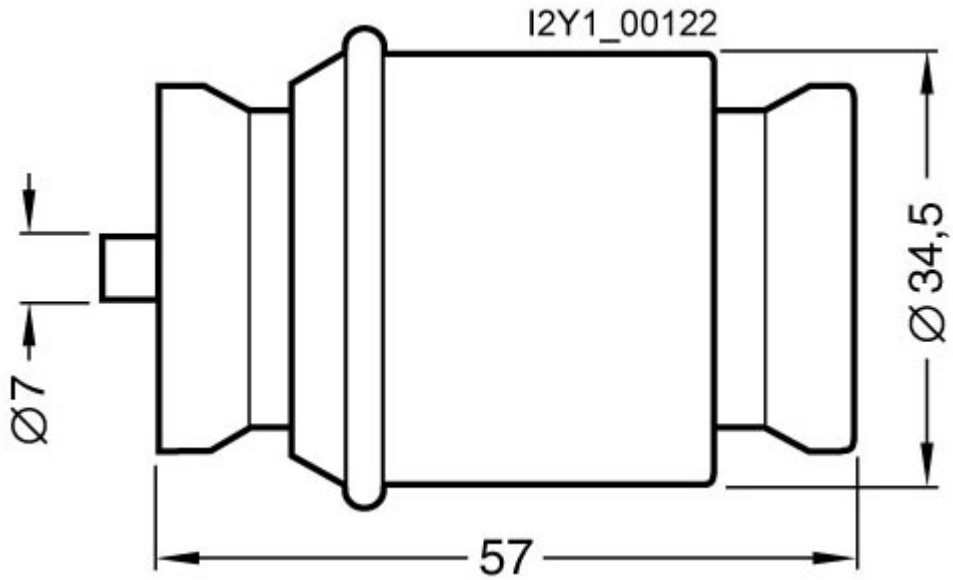
Environmental Con-firmations

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=5SD520
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5SD520
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD520
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications



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