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Data sheet 5SC221

DIAZED fuse link 500 V for cable and line protection gG, size DIVH, R1 1/4", 100A



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	DIV
operating class of the fuse link	gG
Supply voltage	
supply voltage	
● at AC	500 V
● at DC	400 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]	8.8 W
power loss [W] for rated value of the current at AC in hot operating state per pole	8.8 W
Appearance	
color coding of the fuse link	red
Product details	
product description	Using screw adapter or adapter sleeves
Mechanical Design	
mounting position	Any, preferably vertical
Net Weight	119 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	

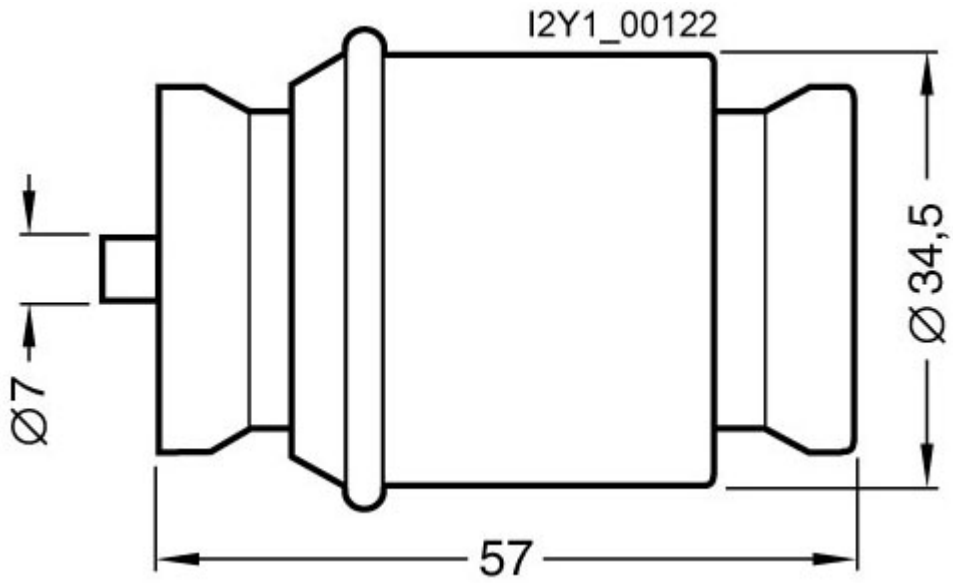
General Product Approval	**other**	**Environment**

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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=5SC221
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5SC221
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SC221
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications



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