

SIEMENS

Data sheet

5SD480



SILIZED fuse link 500 V for semiconductor protection Quick-acting, size DII, E27, 30A

Figure similar

| 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 | DII |
| 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] | 13.4 W |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 13.4 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 | 31 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 |



EG-Konf.

Confirmation



Confirmation

Environment

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[Environmental Confirmations](#)

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=5SD480>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SD480>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD480

CAX-Online-Generator

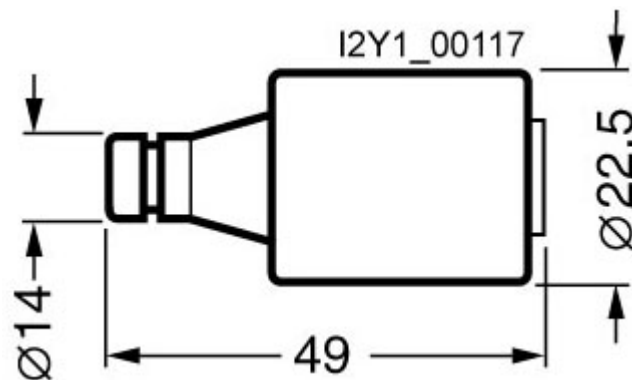
<https://www.siemens.com/cax>

Tender specifications

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

Characteristic curves

https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP='HAUPT'></mmp_prod_no>



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4/11/2025

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