SIEMENS

Data sheet 5SA251

DIAZED fuse link 500 V Slow-response, TNDZ, E16, 10A



| Model | |
|--|---------------------------------|
| Product brand name | SENTRON |
| Product designation | DIAZED fuse |
| Design of the product | For cable and line protection |
| Design of the fuse link | DIAZED fuse link |
| General technical data | |
| Tripping characteristic class | time-lag (T) |
| Size of fuse system / acc. to DIN EN 60269-1 | NDz |
| Operating class of the fuse link | gG |
| Diken-export / Let-through current | DS_5SA_E16_500_traeg_10 |
| circuit-breaker / Design | 5SA2 |
| Supply voltage | |
| Current / at AC / rated value | 10 A |
| Supply voltage | |
| • at DC | 500 V |
| Protection class | |
| Protection class IP | IP20, with connected conductors |

| Switching capacity | |
|--|--|
| Switching capacity Switching capacity current | |
| | 1.6 kA |
| • at DC / acc. to IEC 60947-2 / rated value | |
| • acc. to IEC 60947-2 / rated value | 40 kA |
| Dissipation | |
| Power loss [W] | 1.4 W |
| Power loss [W] / for rated value of the current / at AC | 1.4 W |
| / in hot operating state / per pole | |
| Current | |
| Tripping residual / rated value / derated current / at | 9.5 A |
| 40 Cel | |
| Diken-export / Let-through energy | DE_5SA_E16_500_traeg_10 |
| Appearance | |
| Color coding of the fuse link | red |
| | |
| Duadinat dataila | |
| Product details | Licing screw adapter or adapter sleeves |
| Product description | Using screw adapter or adapter sleeves |
| | Using screw adapter or adapter sleeves |
| Product description | Using screw adapter or adapter sleeves Any, preferably vertical |
| Product description Mechanical Design | |
| Product description Mechanical Design Mounting position Net weight | Any, preferably vertical |
| Product description Mechanical Design Mounting position | Any, preferably vertical |
| Product description Mechanical Design Mounting position Net weight Environmental conditions | Any, preferably vertical 10 g |
| Product description Mechanical Design Mounting position Net weight Environmental conditions Ambient temperature | Any, preferably vertical 10 g -5 +40 °C |
| Product description Mechanical Design Mounting position Net weight Environmental conditions Ambient temperature • during storage Environmental category | Any, preferably vertical 10 g -5 +40 °C Air humidity 90% at 20 °C |
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| Product description Mechanical Design Mounting position Net weight Environmental conditions Ambient temperature • during storage Environmental category Certificates Reference code | Any, preferably vertical 10 g -5 +40 °C Air humidity 90% at 20 °C Up to 45°C at 95 % rel. humidity |
| Product description Mechanical Design Mounting position Net weight Environmental conditions Ambient temperature • during storage Environmental category Certificates Reference code • acc. to DIN EN 61346-2 | Any, preferably vertical 10 g -5 +40 °C Air humidity 90% at 20 °C Up to 45°C at 95 % rel. humidity |

EG-Konf.

Environmental Confirmations

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=5SA251

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

https://support.industry.siemens.com/cs/ww/en/ps/5SA251

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SA251

CAx-Online-Generator http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications

