

SILIZED FUSE LINK 500V F.SEMICONDUCTOR  
PROTECTION EXTRA FAST, SIZE DII THREAD E27,  
16A



Figure similar

| Model                                        |   |                                  |
|----------------------------------------------|---|----------------------------------|
| product brandname                            |   | SETRON                           |
| Product designation                          |   | DIAZED fuse                      |
| 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 / acc. to DIN EN 60269-1 |   | DII                              |
| Operating class of the fuse link             |   | gR                               |
| circuit-breaker / Design                     |   | 5SD4                             |
| Supply voltage                               |   |                                  |
| • at AC / rated value                        | V | 500                              |
| • at DC                                      | V | 500                              |
| Protection class                             |   |                                  |
| Protection class IP                          |   | IP20, with connected conductors  |
| Switching capacity                           |   |                                  |

|                                             |    |    |
|---------------------------------------------|----|----|
| <b>Switching capacity current</b>           |    |    |
| • at DC / acc. to IEC 60947-2 / rated value | kA | 8  |
| • acc. to IEC 60947-2 / rated value         | kA | 50 |

#### Dissipation

|                                                                              |   |      |
|------------------------------------------------------------------------------|---|------|
| <b>Power loss [W]</b>                                                        |   |      |
| • for rated value of the current / at AC / in hot operating state / per pole | W | 12.1 |
| • maximum                                                                    | W | 12.1 |

#### Electricity

|                               |   |    |
|-------------------------------|---|----|
| Current / at AC / rated value | A | 16 |
|-------------------------------|---|----|

#### 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        | g | 27                       |

#### Environmental conditions

|                               |    |                                  |
|-------------------------------|----|----------------------------------|
| <b>Ambient temperature</b>    |    |                                  |
| • minimum                     | °C | -5                               |
| • maximum                     | °C | 40                               |
| • during storage / Note       |    | Air humidity 90% at 20 °C        |
| <b>Environmental category</b> |    | Up to 45°C at 95 % rel. humidity |
| <b>Equipment marking</b>      |    |                                  |
| • acc. to DIN EN 61346-2      |    | F                                |
| • acc. to DIN EN 81346-2      |    | F                                |

|                                 |                                  |                          |              |
|---------------------------------|----------------------------------|--------------------------|--------------|
| <b>General Product Approval</b> | <b>Declaration of Conformity</b> | <b>Test Certificates</b> | <b>other</b> |
|---------------------------------|----------------------------------|--------------------------|--------------|



[Typprüfbescheinigung/Werkszeugnis](#)

[Umweltbestätigung](#)

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

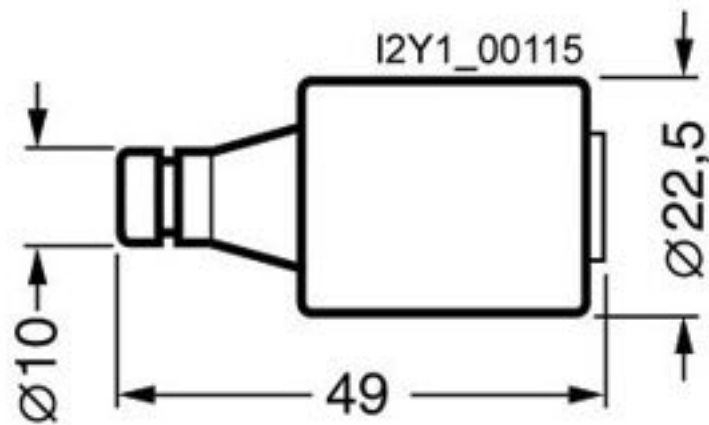
<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SD420>

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

<http://support.automation.siemens.com/WW/view/en/5SD420/all>



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