

DIAZED FUSE LINK 500V QUICK-RESPONSE SIZE  
DII, THREAD E27, 25A



Figure similar

| Model                                        |    |                                 |
|----------------------------------------------|----|---------------------------------|
| product brand name                           |    | SETRON                          |
| 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                |    | quick-acting (F)                |
| Size of fuse system / acc. to DIN EN 60269-1 |    | DII                             |
| Operating class of the fuse link             |    | gG                              |
| circuit-breaker / Design                     |    | 5SB1                            |
| Supply voltage                               |    |                                 |
| • at AC / Rated value                        | V  | 500                             |
| • at DC                                      | V  | 500                             |
| Protection class                             |    |                                 |
| Protection class IP                          |    | IP20, with connected conductors |
| Switching capacity                           |    |                                 |
| Switching capacity current                   |    |                                 |
| • at DC / acc. to IEC 60947-2 / Rated value  | kA | 8                               |

- acc. to IEC 60947-2 / Rated value

|    |    |
|----|----|
| kA | 50 |
|----|----|

## Dissipation

### Active power loss

- for rated value of the current / at AC / in hot operating state / per pole

|   |     |
|---|-----|
| W | 4.9 |
|---|-----|

## Electricity

|                                                        |   |       |
|--------------------------------------------------------|---|-------|
| rated current I <sub>n</sub> / IEC, DIN/VDE / at 40 °C | A | 23.75 |
|--------------------------------------------------------|---|-------|

|                               |   |    |
|-------------------------------|---|----|
| Current / at AC / Rated value | A | 25 |
|-------------------------------|---|----|

## Appearance

|                               |        |
|-------------------------------|--------|
| Color coding of the fuse link | yellow |
|-------------------------------|--------|

## Product details

|                     |                                        |
|---------------------|----------------------------------------|
| Product description | Using screw adapter or adapter sleeves |
|---------------------|----------------------------------------|

## Mechanical Design

|                   |                          |
|-------------------|--------------------------|
| mounting position | Any, preferably vertical |
|-------------------|--------------------------|

|            |   |    |
|------------|---|----|
| Net weight | g | 31 |
|------------|---|----|

## Environmental conditions

### Ambient temperature

- minimum
- maximum
- during storage / Note

|    |    |
|----|----|
| °C | -5 |
|----|----|

|    |    |
|----|----|
| °C | 40 |
|----|----|

|                           |
|---------------------------|
| Air humidity 90% at 20 °C |
|---------------------------|

|                        |                                  |
|------------------------|----------------------------------|
| Environmental category | Up to 45°C at 95 % rel. humidity |
|------------------------|----------------------------------|

|                   |   |
|-------------------|---|
| Equipment marking | F |
|-------------------|---|

- acc. to DIN EN 61346-2

- acc. to DIN EN 81346-2

|                          |                           |                   |       |
|--------------------------|---------------------------|-------------------|-------|
| General Product Approval | Declaration of Conformity | Test Certificates | other |
|--------------------------|---------------------------|-------------------|-------|



EG-Konf.

[Typprüfbescheinigung/W  
erkszeugnis](#)

[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/5SB181>

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

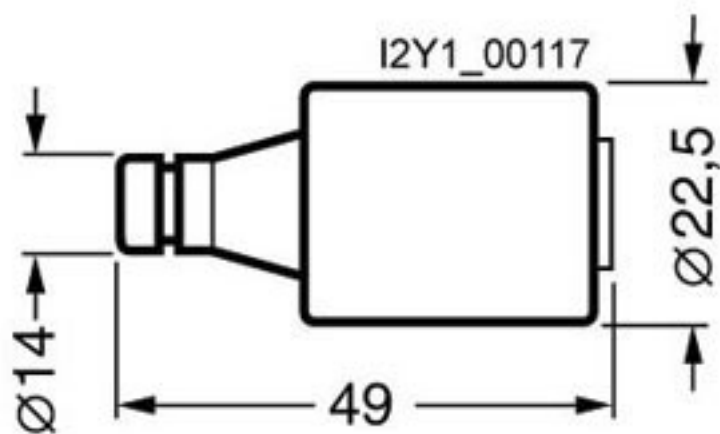
<http://support.automation.siemens.com/WW/view/en/5SB181/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SB181](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SB181)

CAX-Online-Generator

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



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