

CIRCUIT BREAKER 400V 6KA, 3POLE, C, 32A



Figure similar

| Model  |    |                                 |
|--|----|---------------------------------|
| product brand name   |    | SENTRON                         |
| Product designation  |    | Miniature circuit breakers      |
| Design of the product  |    | 5SL miniature circuit breakers  |
| General technical data   |    |                                 |
| Number of poles  |    | 3                               |
| Number of poles / Note   |    | 3P                              |
| Tripping characteristic class  |    | C                               |
| circuit-breaker / Design   |    | 5SL6                            |
| Mechanical service life (switching cycles) / typical   |    | 20 000                          |
| Overvoltage category   |    | 3                               |
| Voltage  |    |                                 |
| Type of voltage  |    | AC/DC                           |
| Insulation voltage   |    |                                 |
| <ul style="list-style-type: none"> <li>with multi-phase operation / with AC / Rated value</li> </ul> | V  | 440                             |
| Supply voltage   |    |                                 |
| Supply voltage frequency / Rated value   | Hz | 50                              |
| Protection class   |    |                                 |
| Protection class IP  |    | IP20, with connected conductors |
| Energy limiting class  |    | 3                               |
| Switching capacity   |    |                                 |
| Switching capacity current   |    |                                 |

- acc. to EN 60898 / Rated value
- acc. to IEC 60947-2 / Rated value

|    |   |
|----|---|
| kA | 6 |
| kA | 6 |

### Dissipation

#### Active power loss

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

|   |     |
|---|-----|
| W | 2.5 |
|---|-----|

### Electricity

rated current  $I_n$  / IEC, DIN/VDE / at 40 Cel

|   |          |
|---|----------|
| A | 30.45318 |
|---|----------|

Current / with AC / Rated value

|   |    |
|---|----|
| A | 32 |
|---|----|

### Main circuit

#### Operating voltage

- minimum
- for DC / Rated value / maximum
- with multi-phase operation / with AC / maximum

|   |     |
|---|-----|
| V | 24  |
| V | 60  |
| V | 440 |

### Product details

Product feature / Touch protection

|  |     |
|--|-----|
|  | Yes |
|--|-----|

#### Product property

- halogen-free
- sealable
- silicon-free

|  |     |
|--|-----|
|  | Yes |
|  | Yes |
|  | Yes |

Product expansion / can be installed / supplementary devices

|  |     |
|--|-----|
|  | Yes |
|--|-----|

### Product function

Product function / neutral conductor switching

|  |    |
|--|----|
|  | No |
|--|----|

### Number

Number of test cycles / for environmental testing / acc. to IEC 60068-2-30

|  |   |
|--|---|
|  | 6 |
|--|---|

### Connections

#### Connectable conductor cross-section / stranded

- minimum
- maximum

|                 |      |
|-----------------|------|
| mm <sup>2</sup> | 0.75 |
| mm <sup>2</sup> | 35   |

#### Connectable conductor cross-section

- solid
  - minimum
  - maximum
- finely stranded / with core end processing
  - minimum
  - maximum

|                 |      |
|-----------------|------|
| mm <sup>2</sup> | 0.75 |
| mm <sup>2</sup> | 35   |
| mm <sup>2</sup> | 0.75 |
| mm <sup>2</sup> | 25   |

#### Tightening torque / with screw-type terminals

- minimum

|     |     |
|-----|-----|
| N·m | 2.5 |
|-----|-----|

- maximum

|     |   |
|-----|---|
| N·m | 3 |
|-----|---|

### Mechanical Design

|                       |    |     |
|-----------------------|----|-----|
| Height                | mm | 90  |
| Width                 | mm | 72  |
| Depth                 | mm | 76  |
| mounting position     |    | any |
| Installation depth    | mm | 70  |
| Number of width units |    | 3   |
| Net weight            | g  | 424 |

### Environmental conditions

|  |    |                                       |
|--|----|---------------------------------------|
| Degree of pollution                      |    | 2                                     |
| Influence of the surrounding temperature |    | Periodically +55°C, max. 95% humidity |
| Ambient temperature                      |    |                                       |
| • minimum                                | °C | -25                                   |
| • maximum                                | °C | 45                                    |
| • during storage / minimum               | °C | -40                                   |
| • during storage / maximum               | °C | 75                                    |

### Certificates

|                          |  |   |
|--------------------------|--|---|
| Equipment marking        |  |   |
| • acc. to DIN EN 61346-2 |  | F |
| • acc. to DIN EN 81346-2 |  | F |

### General Product Approval



[TSE](#)

| Declaration of Conformity | Test Certificates | other |
|---------------------------|-------------------|-------|
|---------------------------|-------------------|-------|



EG-Konf.

[other](#)

[other](#)

### Further information

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

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

**Industry Mall (Online ordering system)**

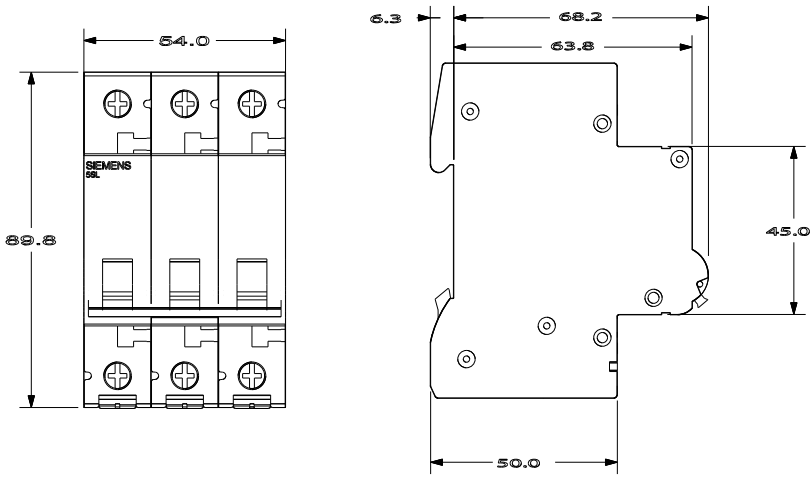
<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SL63327>

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

<http://support.automation.siemens.com/WW/view/en/5SL63327/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=5SL63327](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SL63327)



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