SIEMENS

## Data sheet 5SV3346-6



Figure similar

RES.CUR.OP.CIRCUIT BREAKER TYPE A 63A 3+N-POLE 30MA 400V 4MW

| | | |
|---|---|---|
| **Model** | | |
| **product brand name** | | SENTRON |
| **Product designation** | | RCCB |
| **Design of the product** | | Instantaneous |
| **General technical data** | | |
| **Number of poles** | | 4 |
| **Size of installation devices / acc. to DIN 43880** | | 1 |
| **Protection against electrical shock** | | Finger and back-of-hand safe |
| **Short-circuit current rating** | kA | 10 |
| **circuit-breaker / Design** | | 5SV3 |
| **Mechanical service life (switching cycles) / typical** | | 10 000 |
| **Overvoltage category** | | III |
| **Supply voltage** | | |
| **Supply voltage** | | |
| • with AC / Rated value | V | 400 |
| • for testing equipment / minimum | V | 195 |
| **Protection class** | | |
| **Protection class IP** | | IP20, if the distribution board is installed, with connected conductors |
| **Switching capacity** | | |
| **Switching capacity current** | | |
| • acc. to EN 60898 / Rated value | kA | 0.8 |
| **Dissipation** | | |


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| | | |
|---|---|---|
| **Active power loss** | | |
| • for rated value of the current / with AC / in hot operating state / per pole | W | 3.9 |

## Electricity

| | | |
|---|---|---|
| **Tripping residual current / Rated value** | mA | 30 |
| rated current In / IEC, DIN/VDE / at 40 Cel | A | 63 |
| **Type of fault current** | | A |
| Current / with AC / Rated value | A | 63 |
| Surge current resistance / Rated value | kA | 1 |

## Product details

| | | |
|---|---|---|
| **Product property** | | |
| • halogen-free | | Yes |
| • silicon-free | | Yes |
| Product expansion / can be installed / supplementary devices | | Yes |

## Number

| | | |
|---|---|---|
| **Number of test cycles / for environmental testing / acc. to IEC 60068-2-30** | | 28 |

## Connections

| | | |
|---|---|---|
| **Connectable conductor cross-section / stranded** | | |
| • minimum | mm² | 0.75 |
| • maximum | mm² | 35 |
| Connectable conductor cross-section / solid | | |
| • minimum | mm² | 0.75 |
| • maximum | mm² | 35 |
| **Tightening torque / with screw-type terminals** | | |
| • minimum | N·m | 2.5 |
| • maximum | N·m | 3 |
| Position / of power supply cord | | top or bottom |

## Mechanical Design

| | | |
|---|---|---|
| **Height** | mm | 90 |
| **Width** | mm | 72 |
| **Depth** | mm | 70 |
| **mounting position** | | any |
| **Installation depth** | mm | 70 |
| **Number of width units** | | 4 |
| **Mounting type** | | DIN rail (REG) |
| **Net weight** | g | 407 |

## Environmental conditions

| | | |
|---|---|---|
| **Ambient temperature** | | |
| • minimum | °C | -25 |


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| | | |
|---|---|---|
| • maximum | °C | 45 |
| • during storage / minimum permissible | °C | -40 |
| • during storage / maximum permissible | °C | 75 |

## Certificates

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

### General Product Approval

CCC IMQ ÖVE GOST VDE EAC

| General Product Approval | Declaration of Conformity |
|---|---|
| other | CE EG-Konf. |

## 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/5SV33466

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
http://support.automation.siemens.com/WW/view/en/5SV33466/all

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV33466

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

**Tender specifications**
http://ausschreibungstexte.siemens.com/tiplv


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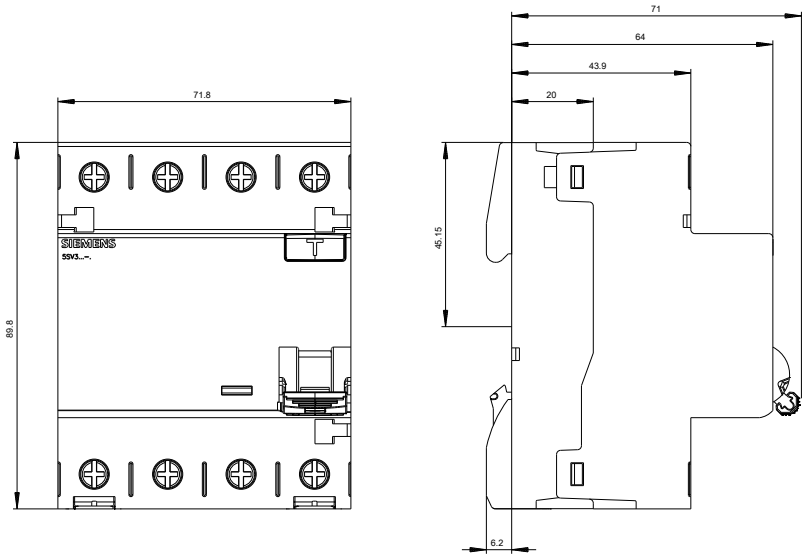


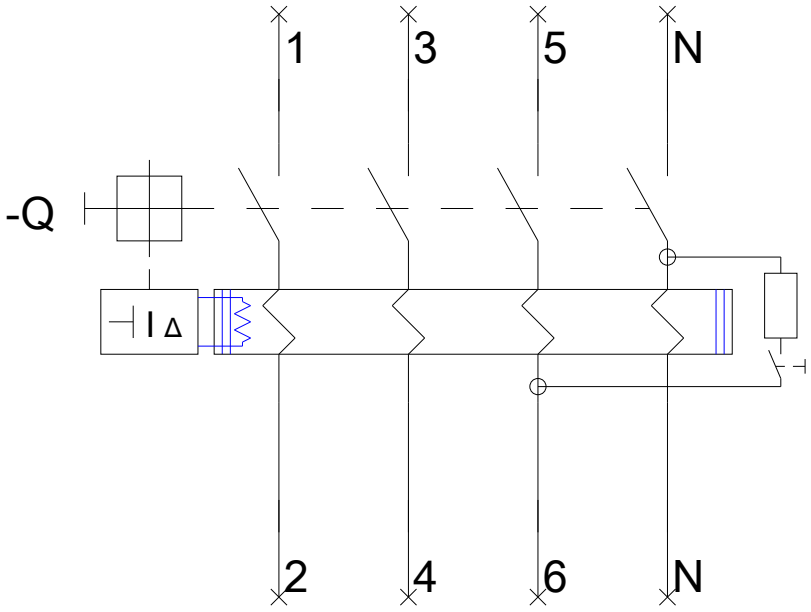


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