

Figure similar

| Model | |
|--|---|
| product brand name | SENTRON |
| product designation | RCBO |
| design of the product | Instantaneous |
| General technical data | |
| number of poles | 2 |
| number of poles with protection | 1 |
| design of pole | 1P+N |
| tripping characteristic class | C |
| mechanical service life (operating cycles) typical | 10 000 |
| overvoltage category | III |
| degree of pollution | 2 |
| Voltage | |
| type of voltage of the operating voltage | AC |
| insulation voltage (U _i) rated value | 253 V |
| surge voltage resistance rated value | 4 000 V |
| tripping fault current rated value | 30 mA |
| operational current | |
| • at 30 °C rated value | 4 A |
| • at 40 °C rated value | 3.8 A |
| • at 45 °C rated value | 3.72 A |
| • at 50 °C rated value | 3.6 A |
| • at 55 °C rated value | 3.52 A |
| • at 60 °C rated value | 3.4 A |
| • at 65 °C rated value | 3.32 A |
| • at 70 °C rated value | 3.2 A |
| • at AC rated value | 4 A |
| residual current type | AC |
| Supply voltage | |
| supply voltage | |
| • at AC rated value | 230 V |
| • for testing equipment minimum | 195 V |
| operating frequency | 50 Hz |
| supply voltage frequency rated value | 50 Hz |
| Protection class | |
| protection class IP | IP20, if the distribution board is installed, with connected conductors |

| Breaking Capacity | |
|--|---------------|
| short-circuit current breaking capacity (I _{cn}) according to EN 61009-1 rated value | 6 kA |
| switching capacity current <ul style="list-style-type: none"> • according to EN 60898 rated value • according to IEC 60947-2 rated value | 6 kA 10 kA |
| rated residual switching capacity (I _{Δm}) according to IEC 61009-1 | 4.5 kA |
| energy limitation class | 3 |

| Dissipation | |
|--|-------|
| power loss [W] <ul style="list-style-type: none"> • maximum | 2.3 W |

| Product details | |
|---|------------|
| product feature <ul style="list-style-type: none"> • halogen-free • silicon-free | Yes Yes |

| Connections | |
|---|--|
| connectable conductor cross-section solid <ul style="list-style-type: none"> • minimum • maximum | 0.75 mm ² 16 mm ² |
| connectable conductor cross-section stranded <ul style="list-style-type: none"> • minimum • maximum | 0.75 mm ² 16 mm ² |
| connectable conductor cross-section finely stranded with core end processing <ul style="list-style-type: none"> • minimum • maximum | 0.75 mm ² 10 mm ² |
| tightening torque with screw-type terminals <ul style="list-style-type: none"> • minimum • maximum | 1.2 N·m 2 N·m |
| position of power supply cord | Either top or bottom |

| Mechanical Design | |
|-------------------------------|-------|
| height | 90 mm |
| width | 18 mm |
| depth | 77 mm |
| installation depth | 70 mm |
| number of modular width units | 1 |
| mounting position | any |
| net weight | 117 g |
| weight with packaging | 133 g |

| Environmental conditions | |
|---|-------------------|
| influence of the surrounding temperature | Max. 95% humidity |
| ambient temperature during operation <ul style="list-style-type: none"> • minimum • maximum | -25 °C 45 °C |
| ambient temperature during storage <ul style="list-style-type: none"> • minimum • maximum | -40 °C 75 °C |
| number of test cycles for environmental testing according to IEC 60068-2-30 | 28 |

| Environmental footprint | |
|---------------------------|-----------------|
| Siemens Eco Profile (SEP) | Siemens EcoTech |

| Approvals Certificates | |
|--------------------------|--|
| General Product Approval | |



[Confirmation](#)



Test Certificates

other

Dangerous Good

Environment



Siemens
EcoTech



[Environmental Confirmations](#)

[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=5SV1316-1KK04>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV1316-1KK04>

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

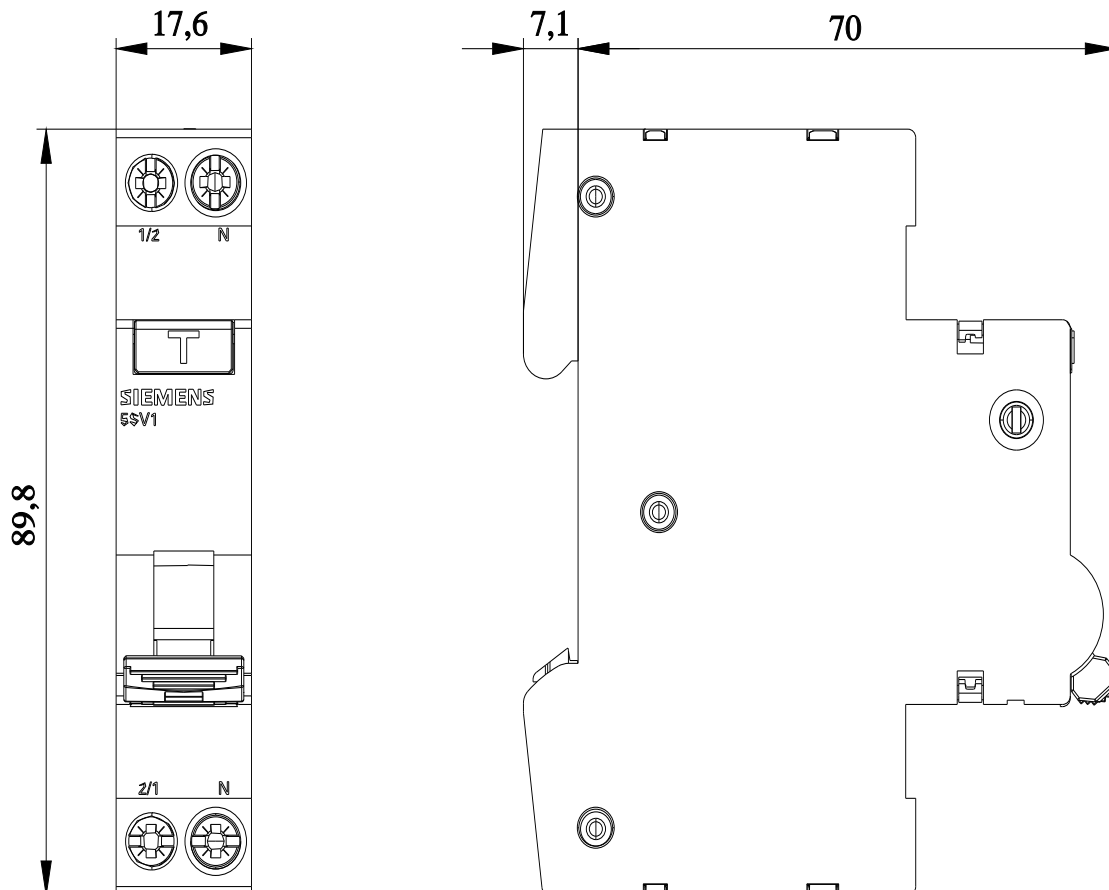
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV1316-1KK04

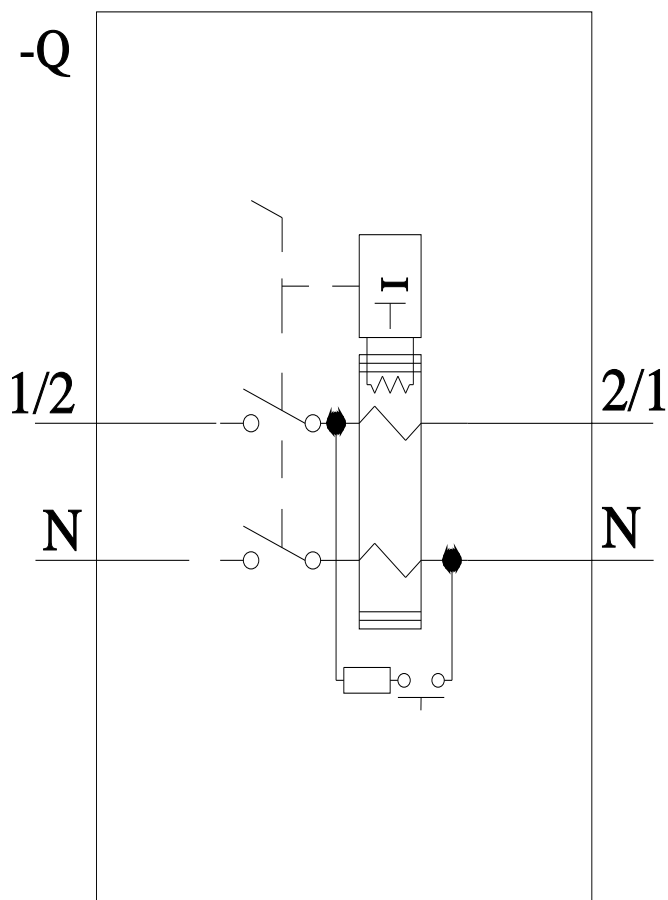
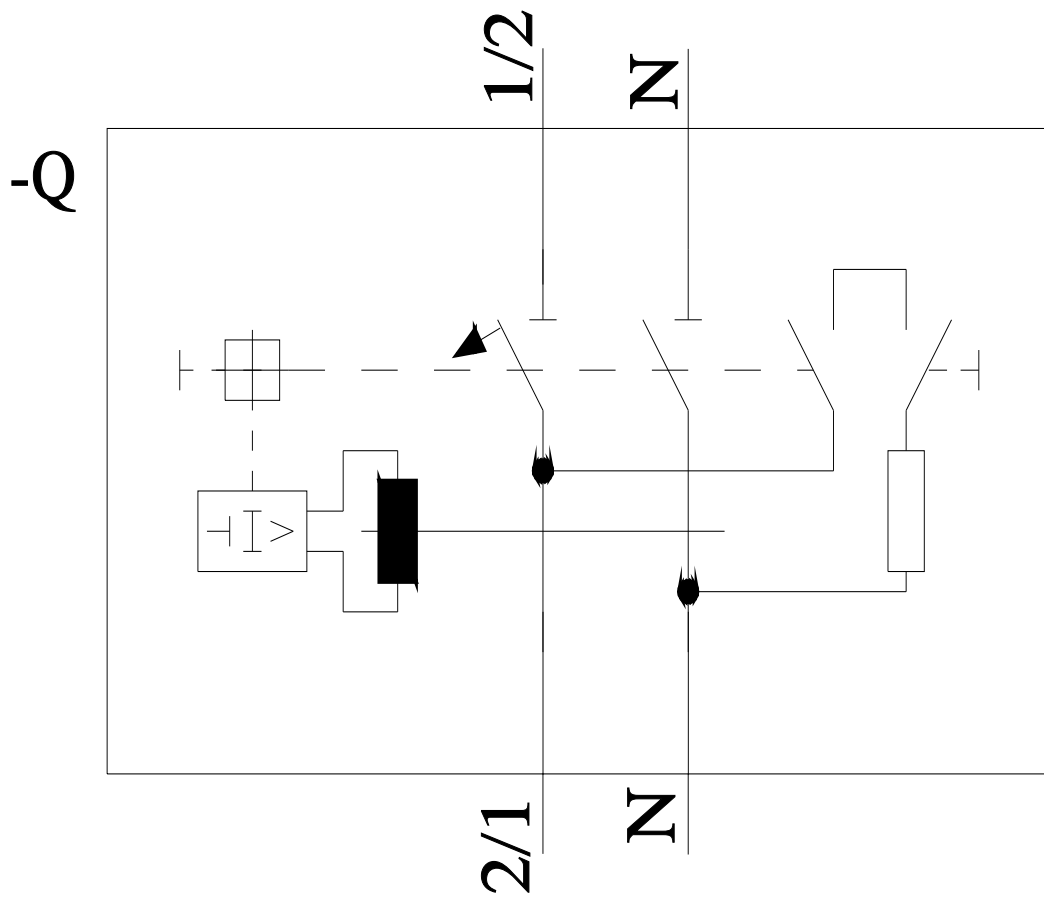
CAX-Online-Generator

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

Tender specifications

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





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