



CIRCUIT BREAKER 230V 10KA, 1+N-POLE, C, 4A, D=70MM

Similar to image

### Technical data:

|                                                                           |    |                                 |
|---------------------------------------------------------------------------|----|---------------------------------|
| Overvoltage class                                                         |    | 3                               |
| type of voltage                                                           |    | AC/DC                           |
| Tripping characteristic class                                             |    | C                               |
| Degree of pollution                                                       |    | 3                               |
| Mounting depth                                                            | mm | 70                              |
| Energy limiting class                                                     |    | 3                               |
| Number of poles                                                           |    | 2                               |
| Number of pitch units for width                                           |    | 2                               |
| Product function / n-switching                                            |    | Yes                             |
| Supply voltage frequency / rated value                                    | Hz | 50                              |
| Switching capacity current / in accordance with IEC 60947-2 / rated value | kA | 35                              |
| Breaking capacity current / acc. to EN 60898 / rated value                | kA | 10                              |
| Supply voltage / for AC / rated value                                     | V  | 230                             |
| Current / for AC / rated value                                            | A  | 4                               |
| Protection class IP                                                       |    | IP20, with connected conductors |
| Product extension / can be installed / supplementary device               |    | Yes                             |
| power loss                                                                |    | -                               |

|                                                                         |   |                           |
|-------------------------------------------------------------------------|---|---------------------------|
| Operational voltage Um                                                  |   | -                         |
| rated current In                                                        |   | -                         |
| Rated make-break capacity Icn                                           |   | -                         |
| Rated service short-circuit breaking capacity Ics                       |   | -                         |
| Rated ultimate short-circuit breaking capacity Icu                      |   | -                         |
| Tripping characteristics Number                                         |   | -                         |
| Tripping characteristic/-class Conventional tripping current I2, (x In) |   | -                         |
| rated current In IEC, DIN/VDE                                           |   | -                         |
| Tripping characteristic/-class Test current I4, hold (x In)             |   | -                         |
| rated current In / IEC, DIN/VDE                                         |   |                           |
| • at 30 Cel                                                             | A | 4                         |
| • at 40 Cel                                                             | A | 3.76                      |
| • at 45 Cel                                                             | A | 3.64                      |
| • at 50 Cel                                                             | A | 3.48                      |
| • at 55 Cel                                                             | A | 3.24                      |
| • at 60 Cel                                                             | A | 3.24                      |
| Resistance against shock / according to IEC 60068-2-27                  |   | 150m/s² at 11ms half-sine |

#### Certificates/approvals:

##### General Product Approval



CQC

[IMQ](#)

[ROSTEST](#)



VDE

##### Shipping Approval

other



GL



LRS



RINA

[other](#)

#### Further information:

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

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

##### Industry Mall (Online ordering system)

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

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

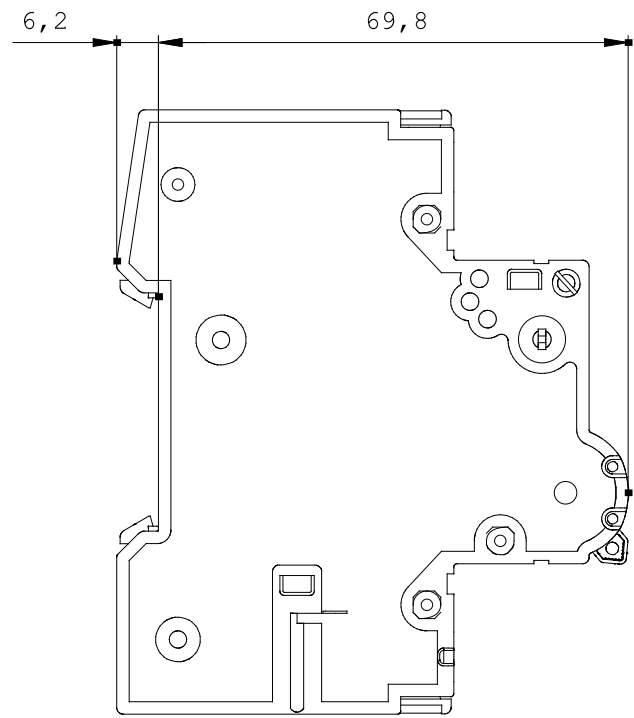
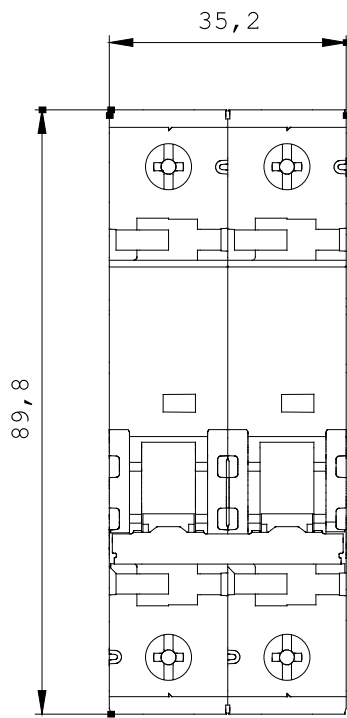
<http://support.automation.siemens.com/WW/view/en/5SY4504-7/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SY4504-7](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY4504-7)

##### CAX-Online-Generator

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



last change:

Nov 3, 2011