



CIRCUIT BREAKER 400V 10KA, 3-POLE, C,  
16A, D=70MM

Similar to image

**Technical data:**

|  |    |                                 |
|--|----|---------------------------------|
| <b>Overvoltage class</b>   |    | 3                               |
| <b>type of voltage</b>   |    | AC/DC                           |
| <b>Tripping characteristic class</b>   |    | C                               |
| <b>Degree of pollution</b>   |    | 3                               |
| <b>Mounting depth</b>  | mm | 70                              |
| <b>Energy limiting class</b>   |    | 3                               |
| <b>Number of poles</b>   |    | 3                               |
| <b>Number of pitch units for width</b>   |    | 3                               |
| <b>Product function / n-switching</b>  |    | No                              |
| <b>Supply voltage frequency / rated value</b>                                    | Hz | 50                              |
| <b>Switching capacity current / in accordance with IEC 60947-2 / rated value</b> | kA | 20                              |
| <b>Breaking capacity current / acc. to EN 60898 / rated value</b>                | kA | 10                              |
| <b>Supply voltage / for AC / rated value</b>                                     | V  | 400                             |
| <b>Current / for AC / rated value</b>  | A  | 16                              |
| <b>Protection class IP</b>   |    | IP20, with connected conductors |
| <b>Product extension / can be installed / supplementary device</b>               |    | Yes                             |
| <b>power loss</b>  |    | -                               |

|   |   |                                       |
|---|---|---------------------------------------|
| 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 | 16                                    |
| • at 40 Cel   | A | 15.2                                  |
| • at 45 Cel   | A | 14.88                                 |
| • at 50 Cel   | A | 14.4                                  |
| • at 55 Cel   | A | 13.92                                 |
| • at 60 Cel   | A | 13.6                                  |
| Resistance against shock / according to IEC 60068-2-27                  |   | 150m/s <sup>2</sup> at 11ms half-sine |

#### Certificates/approvals:

##### General Product Approval



CQC

[IMQ](#)

[ROSTEST](#)



UL



VDE

##### Declaration of Conformity

[Manufacturer](#)

##### Shipping Approval



BUREAU VERITAS



DNV



GL



LRS



RINA

##### other

[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,...)

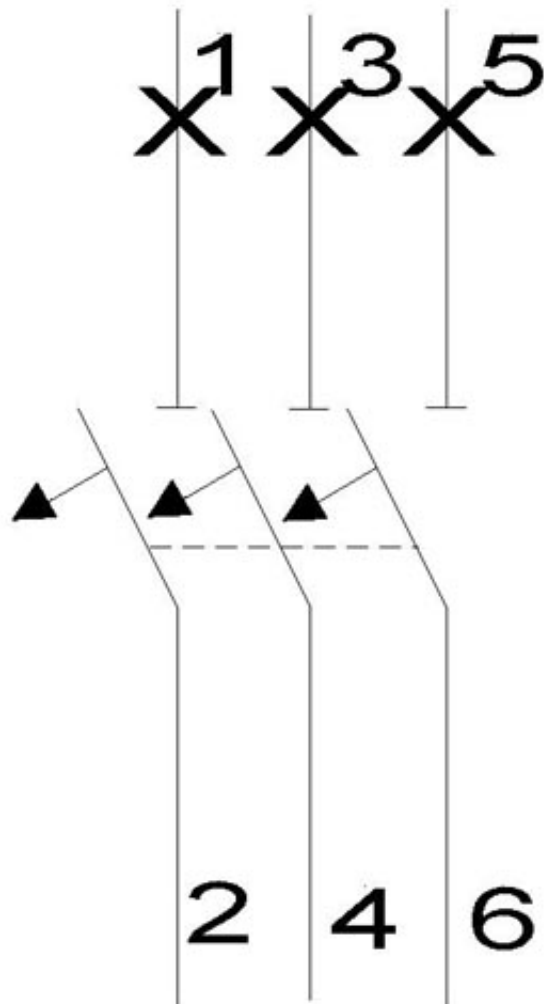
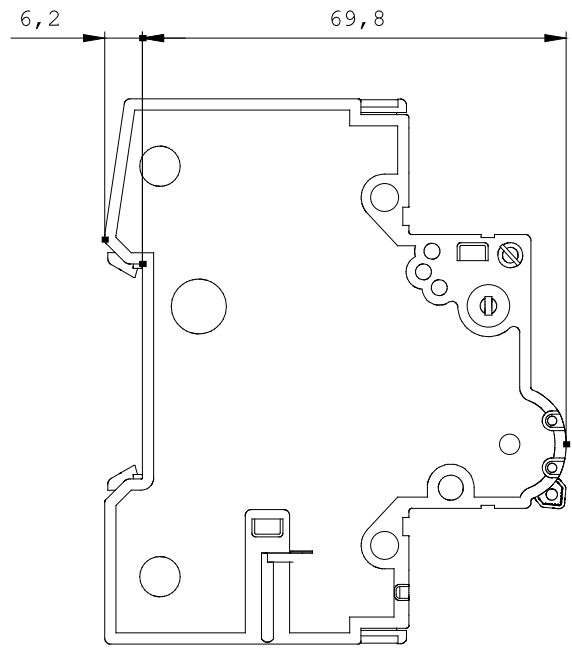
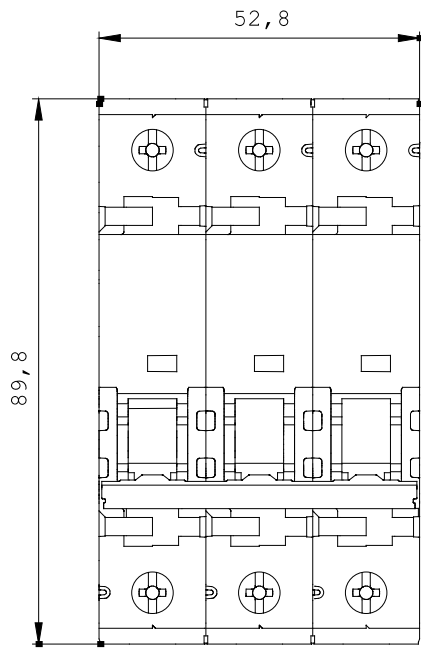
<http://support.automation.siemens.com/WW/view/en/5SY4316-7/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SY4316-7](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY4316-7)

##### CAX-Online-Generator

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



last change:

Nov 3, 2011