



CIRCUIT BREAKER 400V 6KA, 3-POLE, D, 1.6A, D=70MM

Similar to image

| Technical data:                                                                           |    |                       |
|-------------------------------------------------------------------------------------------|----|-----------------------|
| Type of mounting                                                                          |    | Quick assembly system |
| type of voltage                                                                           |    | AC/DC                 |
| mounting position                                                                         |    | any                   |
| Mounting depth                                                                            | mm | 70                    |
| Current / for AC / rated value                                                            | A  | 1.6                   |
| Tripping characteristic class                                                             |    | D                     |
| Supply voltage                                                                            |    |                       |
| • for AC / rated value                                                                    | V  | 400                   |
| • with multi-phase operation / with AC / rated value                                      | V  | 400                   |
| Switching capacity current                                                                |    |                       |
| • in accordance with IEC 60947-2 / rated value                                            | kA | 30                    |
| • with DC / in accordance with IEC 60947-2 / rated value                                  | kA | 15                    |
| • acc. to EN 60898 / rated value                                                          | kA | 6                     |
| Breaking capacity short-circuit current (Icn)                                             |    |                       |
| • with DC / in accordance with EN 60898-2                                                 | kA | 10                    |
| • with AC / in accordance with UL 1077 and CSA C22.2 No.235                               | kA | 5                     |
| Active power loss / at rated value current / with AC / in warm operating state / per pole | W  | 3.3                   |

|                                                                                                                       |                   |                                           |
|-----------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| <b>Number of pitch units for width</b>                                                                                |                   | 3                                         |
| <b>Product feature / sealable</b>                                                                                     |                   | Yes                                       |
| <b>Degree of pollution</b>                                                                                            |                   | 3                                         |
| <b>Ambient temperature</b>                                                                                            | °C                | -25 ... +55                               |
| <b>Ambient temperature</b><br>• during storage                                                                        | °C                | -40 ... +75                               |
| <b>Position / of power supply cord</b>                                                                                |                   | Any                                       |
| <b>Product property / properties for main switches in accordance with EN 60204-1</b>                                  |                   | Yes                                       |
| <b>Mechanical operating cycles as operating time / typical</b>                                                        |                   | 20,000                                    |
| <b>Overvoltage class</b>                                                                                              |                   | 3                                         |
| <b>Product equipment / touch-protection</b>                                                                           |                   | Yes                                       |
| <b>Resistance against shock / according to IEC 60068-2-27</b>                                                         |                   | 150m/s² at 11ms half-sine                 |
| <b>Insulation voltage</b><br>• with multi-phase operation / with AC / rated value                                     | V                 | 440                                       |
| <b>AWG number</b><br>• as encoded connectable conductor cross-section                                                 |                   | 14 ... 4                                  |
| <b>Section de conducteur raccordable</b><br>• solid<br>• multibrin<br>• finely stranded<br>• with wire end processing | mm²<br>mm²<br>mm² | 0.75 ... 35<br>0.75 ... 35<br>0.75 ... 25 |
| <b>Product component</b><br>• combined terminal top<br>• combined terminal bottom                                     |                   | Yes<br>Yes                                |
| <b>Tightening torque</b><br>• with screw-type terminals                                                               | N·m               | 2.5 ... 3                                 |
| <b>Tightening torque (lbf·in)</b><br>• with screw connection                                                          | lbf·in            | 22 ... 26                                 |
| <b>Product feature</b><br>• [not supplied - silicon-free]<br>• halogen-free                                           |                   | Yes<br>Yes                                |
| <b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>                          |                   | 6                                         |

Certificates/approvals:

## General Product Approval



## Shipping Approval



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,...)

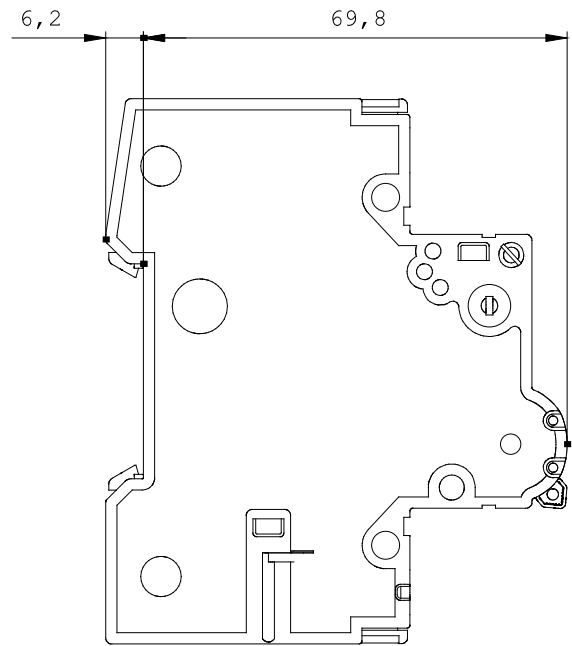
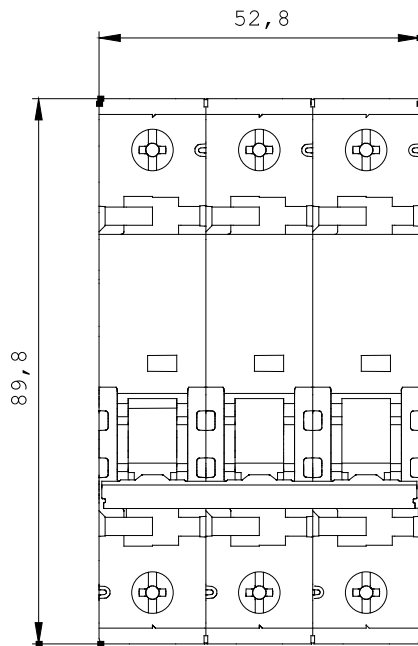
<http://support.automation.siemens.com/WW/view/en/5SY6315-8/all>

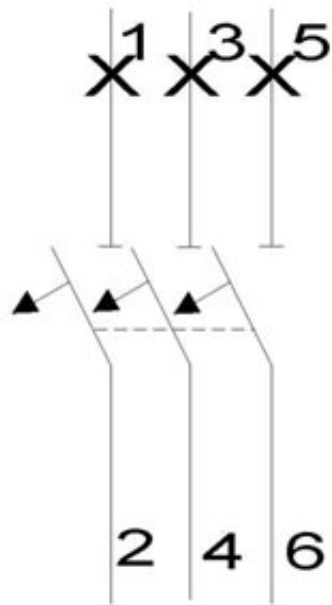
### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SY6315-8](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY6315-8)

### CAX-Online-Generator

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





last change:

Dec 31, 2012