



CIRCUIT BREAKER CURR.SENS.DC 880V AC 400V 10KA, 4POLE, B, 13A MAX. DC 1000V

Similar to image

| Technical data:                                          |    |                       |
|----------------------------------------------------------|----|-----------------------|
| Type of mounting                                         |    | Quick assembly system |
| type of voltage                                          |    | AC/DC                 |
| Height                                                   | mm | 90                    |
| Width                                                    | mm | 72                    |
| Depth                                                    | mm | 76                    |
| mounting position                                        |    | any                   |
| Mounting depth                                           | mm | 70                    |
| Current / for AC / rated value                           | A  | 13                    |
| Tripping characteristic class                            |    | B                     |
| Supply voltage                                           |    |                       |
| • for AC / rated value                                   | V  | 400                   |
| • with multi-phase operation / with AC / rated value     | V  | 400                   |
| Switching capacity current                               |    |                       |
| • with DC / in accordance with IEC 60947-2 / rated value | kA | 15                    |
| • acc. to EN 60898 / rated value                         | kA | 10                    |
| Breaking capacity short-circuit current (Icn)            |    |                       |
| • with DC / in accordance with EN 60898-2                | kA | 10                    |

|                                                                                                                |                                                       |                                           |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------|
| Active power loss / at rated value current / with AC / in warm operating state / per pole                      | W                                                     | 3.8                                       |
| Number of pitch units for width                                                                                |                                                       | 4                                         |
| Product feature / sealable                                                                                     |                                                       | Yes                                       |
| Degree of pollution                                                                                            |                                                       | 2                                         |
| Ambient temperature                                                                                            | °C                                                    | -25 ... +55                               |
| Ambient temperature<br>• during storage                                                                        | °C                                                    | -40 ... +75                               |
| Position / of power supply cord                                                                                |                                                       | Any                                       |
| Product property / properties for main switches in accordance with EN 60204-1                                  |                                                       | Yes                                       |
| Mechanical operating cycles as operating time / typical                                                        |                                                       | 20,000                                    |
| Overvoltage class                                                                                              |                                                       | 3                                         |
| Product equipment / touch-protection                                                                           |                                                       | Yes                                       |
| Resistance against shock / according to IEC 60068-2-27                                                         |                                                       | 150m/s <sup>2</sup> at 11ms half-sine     |
| Insulation voltage<br>• with multi-phase operation / with AC / rated value<br>• for DC / rated value           | V<br>V                                                | 440<br>250                                |
| AWG number<br>• as encoded connectable conductor cross-section                                                 |                                                       | 14 ... 4                                  |
| Section de conducteur raccordable<br>• solid<br>• multibrin<br>• finely stranded<br>• with wire end processing | mm <sup>2</sup><br>mm <sup>2</sup><br>mm <sup>2</sup> | 0.75 ... 35<br>0.75 ... 35<br>0.75 ... 25 |
| Product component<br>• combined terminal top<br>• combined terminal bottom                                     |                                                       | Yes<br>Yes                                |
| Tightening torque<br>• with screw-type terminals                                                               | N·m                                                   | 2.5 ... 3                                 |
| Tightening torque (lbf·in)<br>• with screw connection                                                          | lbf·in                                                | 22 ... 26                                 |
| Product feature<br>• [not supplied - silicon-free]<br>• halogen-free                                           |                                                       | Yes<br>Yes                                |
| Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30                          |                                                       | 6                                         |
| Item designation / according to DIN EN 61346-2                                                                 |                                                       | F                                         |

Certificates/approvals:

| General Product Approval | Declaration of Conformity | 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,...)

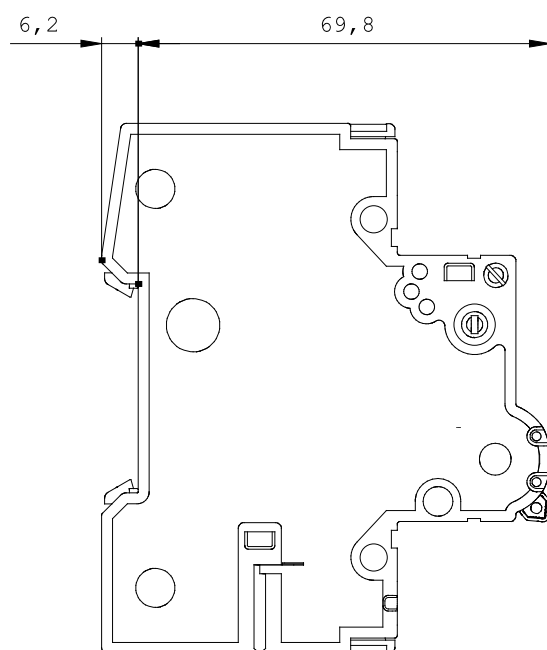
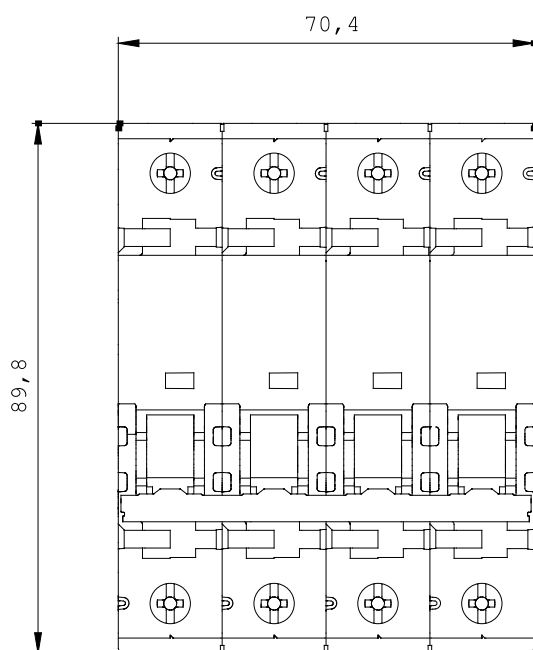
<http://support.automation.siemens.com/WW/view/en/5SY5413-6/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SY5413-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY5413-6)

##### CAX-Online-Generator

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



last change:

Dec 31, 2012