

withdraw. non-aut. circuit-b. with guide frame 3-pole, size III, IEC In=4000A to 690V, AC50/60Hz Icu=100kA at 500V rear connection horizontal without overcurrent release With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 2NO+2NC

| Model                                                                        |                                                    |
|------------------------------------------------------------------------------|----------------------------------------------------|
| product brand name                                                           | SENTRON                                            |
| product designation                                                          | ACB                                                |
| design of the product                                                        | IEC 60947-2                                        |
| design of the actuating element                                              | Pushbutton                                         |
| type of the driving mechanism                                                | Manual operating mechanism with mechanical closing |
| type of the driving mechanism / motor drive                                  | No                                                 |
| design of the overcurrent release                                            | without                                            |
| General technical data                                                       |                                                    |
| number of poles                                                              | 3                                                  |
| size of the circuit-breaker                                                  | 3                                                  |
| utilization category                                                         | B                                                  |
| circuit-breaker / Design                                                     | 3WL1                                               |
| Voltage                                                                      |                                                    |
| Rated insulation voltage Ui                                                  | 1 000 V                                            |
| insulation voltage / rated value                                             | 1 000 V                                            |
| operating voltage                                                            |                                                    |
| • at AC / at 50/60 Hz / rated value                                          | 690 V                                              |
| Protection class                                                             |                                                    |
| protection class IP                                                          | IP20                                               |
| protection class IP / on the front                                           | IP20                                               |
| protection function of the overcurrent release                               | without                                            |
| Dissipation                                                                  |                                                    |
| power loss [W]                                                               |                                                    |
| • for rated value of the current / at AC / in hot operating state / per pole | 270 W                                              |
| • maximum                                                                    | 810 W                                              |
| Current                                                                      |                                                    |
| operational current                                                          |                                                    |
| • at 40 °C / rated value                                                     | 4 000 A                                            |
| • at 45 °C / rated value                                                     | 4 000 A                                            |
| • at 50 °C / rated value                                                     | 4 000 A                                            |
| • at 55 °C / rated value                                                     | 4 000 A                                            |
| • at 60 °C / rated value                                                     | 4 000 A                                            |
| • at 65 °C / rated value                                                     | 4 000 A                                            |
| • at 70 °C / rated value                                                     | 4 000 A                                            |
| continuous current / rated value / maximum                                   | 4 000 A                                            |
| continuous current / rated value                                             | 4 000 A                                            |
| Main circuit                                                                 |                                                    |
| operating frequency                                                          |                                                    |
| • 1 / rated value                                                            | 50 Hz                                              |
| • 2 / rated value                                                            | 60 Hz                                              |
| Auxiliary circuit                                                            |                                                    |
| number of NC contacts / for auxiliary contacts                               | 2                                                  |
| number of NO contacts / for auxiliary contacts                               | 2                                                  |
| Suitability                                                                  |                                                    |
| suitability for use                                                          | Contact unit without release                       |

| Product details                                                 |                                      |
|-----------------------------------------------------------------|--------------------------------------|
| product component                                               |                                      |
| • trip indicator                                                | No                                   |
| • voltage trigger                                               | No                                   |
| • undervoltage release                                          | No                                   |
| design of the auxiliary switch                                  | 2 NO + 2 NC                          |
| product extension / optional / motor drive                      | Yes                                  |
| Product function                                                |                                      |
| product function                                                |                                      |
| • grounding protection                                          | No                                   |
| Display and operation                                           |                                      |
| display version                                                 | without display                      |
| Short circuit                                                   |                                      |
| breaking capacity operating short-circuit current (Ics)         |                                      |
| • at 415 V / rated value                                        | 100 kA                               |
| • at 500 V / rated value                                        | 100 kA                               |
| • at 690 V / rated value                                        | 85 kA                                |
| breaking capacity maximum short-circuit current (Icu)           |                                      |
| • at 415 V / rated value                                        | 100 kA                               |
| • at 500 V / rated value                                        | 100 kA                               |
| • at 690 V / rated value                                        | 85 kA                                |
| Connections                                                     |                                      |
| arrangement of electrical connectors / for main current circuit | Main connection rear side horizontal |
| type of electrical connection / for main current circuit        | busbar connection                    |
| Mechanical Design                                               |                                      |
| height                                                          | 466.5 mm                             |
| width                                                           | 704 mm                               |
| depth                                                           | 456 mm                               |
| fastening method                                                | drawer unit                          |
| Environmental conditions                                        |                                      |
| ambient temperature / during operation                          |                                      |
| • minimum                                                       | -25 °C                               |
| • maximum                                                       | 70 °C                                |
| ambient temperature / during storage                            |                                      |
| • minimum                                                       | -40 °C                               |
| • maximum                                                       | 70 °C                                |
| General Product Approval                                        |                                      |
| EMC                                                             |                                      |
| Declaration of Conformity                                       |                                      |
| Test Certificates                                               |                                      |



[UK Declaration of Conformity](#)

[Miscellaneous](#)

#### Test Certificates

#### Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



#### Marine / Shipping

#### other

[CCS / China Classification Society](#)



[Miscellaneous](#)

[Environmental Confirmations](#)

[Confirmation](#)

[Miscellaneous](#)

### Further information

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1340-4AA36-1AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4AA36-1AA2>

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

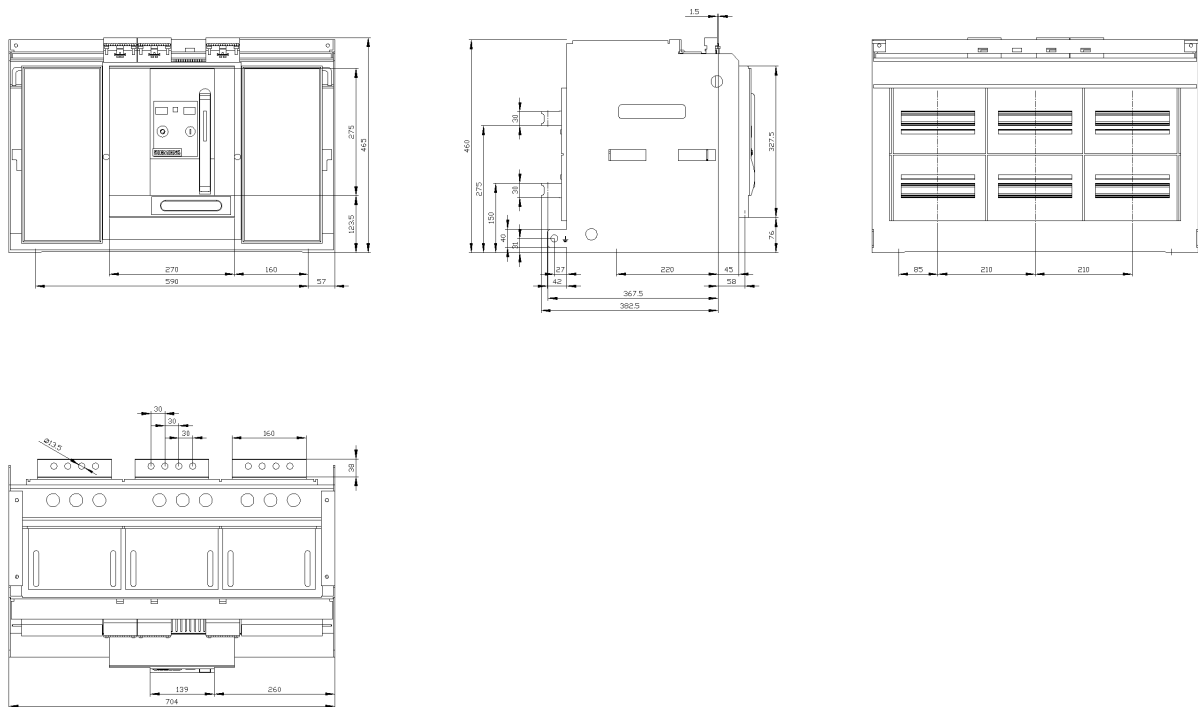
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mifb=3WL1340-4AA36-1AA2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=3WL1340-4AA36-1AA2)

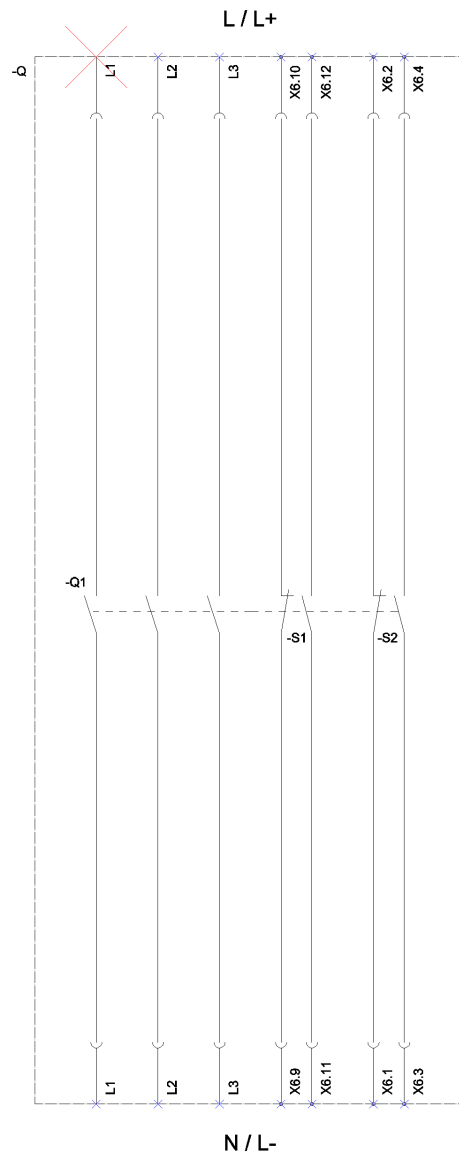
## CAX-Online-Generator

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

## Tender specifications

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





S1 - S8 (Auxiliary switch / Hilfsschalter);

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