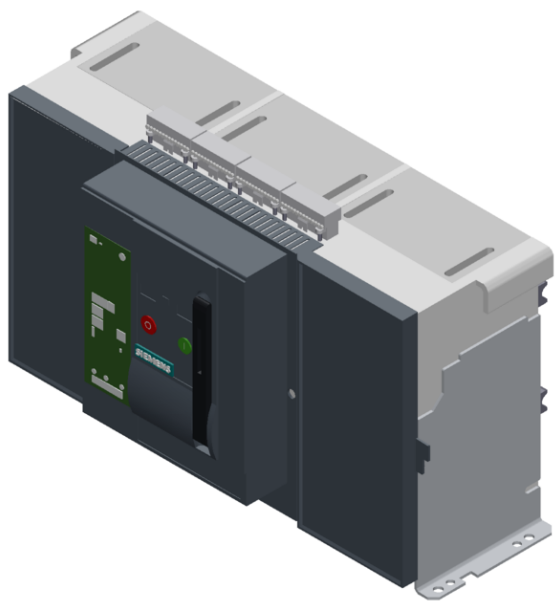


fixed-mounted circuit breaker 3-pole, size III, IEC In=4000A to 690V, AC50/60Hz Icu=100kA at 500V rear connection horizontal  
Overcurrent release ETU 25 LSI protection adjustable 0.4-1 in With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 2NO+2NC



| Model                                       |                                                    |
|---------------------------------------------|----------------------------------------------------|
| product brand name                          | SENTRON                                            |
| product designation                         | ACB                                                |
| design of the product                       | IEC 60947-2                                        |
| design of the operating mechanism           | 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                                                                                                                                                                                                                          | ETU25B                                                         |
| <b>General technical data</b>                                                                                                                                                                                                                              |                                                                |
| number of poles                                                                                                                                                                                                                                            | 3                                                              |
| size of the circuit-breaker                                                                                                                                                                                                                                | 3                                                              |
| usage category                                                                                                                                                                                                                                             | B                                                              |
| circuit-breaker / Design                                                                                                                                                                                                                                   | 3WL1                                                           |
| <b>Voltage</b>                                                                                                                                                                                                                                             |                                                                |
| Rated insulation voltage $U_i$                                                                                                                                                                                                                             | 1 000 V                                                        |
| insulation voltage / rated value                                                                                                                                                                                                                           | 1 000 V                                                        |
| operating voltage <ul style="list-style-type: none"> <li>at AC / at 50/60 Hz / rated value</li> </ul>                                                                                                                                                      | 690 V                                                          |
| <b>Protection class</b>                                                                                                                                                                                                                                    |                                                                |
| protection class IP                                                                                                                                                                                                                                        | IP20                                                           |
| protection class IP / on the front                                                                                                                                                                                                                         | IP20                                                           |
| protection function of the overcurrent release                                                                                                                                                                                                             | LSI                                                            |
| <b>Dissipation</b>                                                                                                                                                                                                                                         |                                                                |
| power loss [W] <ul style="list-style-type: none"> <li>for rated value of the current / at AC / in hot operating state / per pole</li> <li>maximum</li> </ul>                                                                                               | 173.3 W<br><br>520 W                                           |
| <b>Current</b>                                                                                                                                                                                                                                             |                                                                |
| continuous current / rated value / maximum                                                                                                                                                                                                                 | 4 000 A                                                        |
| continuous current / rated value                                                                                                                                                                                                                           | 4 000 A                                                        |
| adjustable pick-up value current <ul style="list-style-type: none"> <li>of instantaneous short-circuit trip unit / initial value</li> <li>of instantaneous short-circuit trip unit / full-scale value</li> </ul>                                           | 50 000 A<br><br>50 000 A                                       |
| <b>Main circuit</b>                                                                                                                                                                                                                                        |                                                                |
| operating frequency <ul style="list-style-type: none"> <li>1 / rated value</li> <li>2 / rated value</li> </ul>                                                                                                                                             | 50 Hz<br>60 Hz                                                 |
| operating current <ul style="list-style-type: none"> <li>at 40 °C / rated value</li> <li>at 50 °C / rated value</li> <li>at 55 °C / rated value</li> <li>at 60 °C / rated value</li> <li>at 65 °C / rated value</li> <li>at 70 °C / rated value</li> </ul> | 4 000 A<br>4 000 A<br>4 000 A<br>4 000 A<br>4 000 A<br>4 000 A |
| <b>Auxiliary circuit</b>                                                                                                                                                                                                                                   |                                                                |

|                                                                 |                                      |
|-----------------------------------------------------------------|--------------------------------------|
| number of NC contacts / for auxiliary contacts                  | 2                                    |
| number of NO contacts / for auxiliary contacts                  | 2                                    |
| <b>Suitability</b>                                              |                                      |
| suitability for use                                             | Plant / motor protection             |
| <b>Product details</b>                                          |                                      |
| product component                                               |                                      |
| • trip indicator                                                | Yes                                  |
| • voltage trigger                                               | No                                   |
| • undervoltage release                                          | No                                   |
| design of the auxiliary switch                                  | 2 NO + 2 NC                          |
| product extension / optional / motor drive                      | Yes                                  |
| <b>Product function</b>                                         |                                      |
| product function                                                |                                      |
| • ground fault protection                                       | No                                   |
| • phase failure detection                                       | Yes                                  |
| <b>Display and operation</b>                                    |                                      |
| display version                                                 | without display                      |
| <b>Short circuit</b>                                            |                                      |
| operational short-circuit current breaking capacity (Ics)       |                                      |
| • at 415 V / rated value                                        | 100 kA                               |
| • at 500 V / rated value                                        | 100 kA                               |
| • at 690 V / rated value                                        | 85 kA                                |
| maximum short-circuit current breaking capacity (Icu)           |                                      |
| • at 415 V / rated value                                        | 100 kA                               |
| • at 500 V / rated value                                        | 100 kA                               |
| • at 690 V / rated value                                        | 85 kA                                |
| <b>Connections</b>                                              |                                      |
| arrangement of electrical connectors / for main current circuit | Main connection rear side horizontal |
| type of electrical connection / for main current circuit        | busbar connection                    |
| <b>Mechanical Design</b>                                        |                                      |
| height                                                          | 439 mm                               |
| width                                                           | 704 mm                               |
| depth                                                           | 337 mm                               |
| mounting type                                                   | fixed mounting                       |
| <b>Environmental conditions</b>                                 |                                      |
| ambient temperature / during operation                          |                                      |
| • minimum                                                       | -20 °C                               |

|                                      |        |
|--------------------------------------|--------|
| • maximum                            | 70 °C  |
| ambient temperature / during storage |        |
| • minimum                            | -40 °C |
| • maximum                            | 70 °C  |

## Certificates

|                          |   |
|--------------------------|---|
| reference code           |   |
| • acc. to DIN EN 61346-2 | Q |
| • acc. to DIN EN 81346-2 | Q |

| General Product Approval                                                                 | Declaration of Conformity                                                                | Test Certificates                                                                             | Shipping Approval                                                                                                                                                       |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>CCC | <br>VDE | <br>EG-Konf. | <a href="#">Miscellaneous</a><br><a href="#">Special Test Certificate</a><br><br>ABS |

| Shipping Approval                                                                                   | other                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>BUREAU VERITAS | <a href="#">CCS / China Classification Society</a><br><a href="#">Environmental Confirmations</a><br><br>LRS<br><br>PRS<br><br>RMRS |

| other                                                                                                     |
|-----------------------------------------------------------------------------------------------------------|
| <a href="#">Manufacturer Declaration</a><br><a href="#">Confirmation</a><br><a href="#">Miscellaneous</a> |

## Further information

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1340-4CB32-1AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4CB32-1AA2>

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

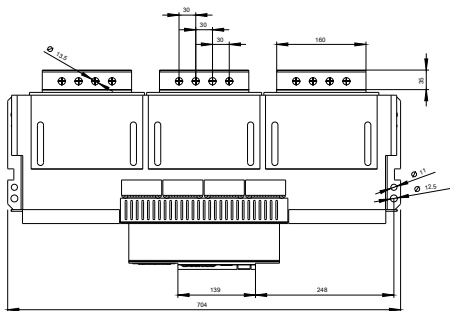
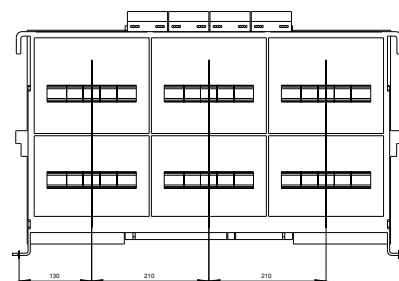
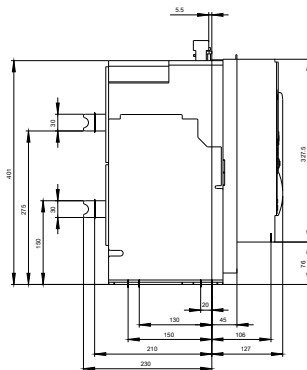
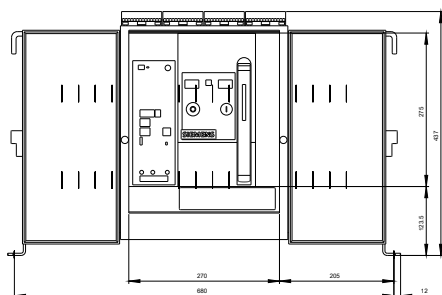
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WL1340-4CB32-1AA2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1340-4CB32-1AA2)

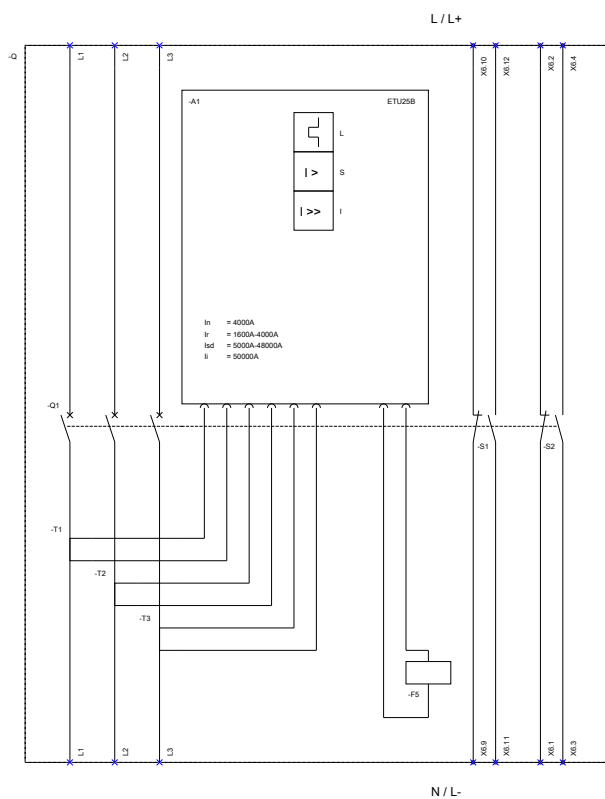
### CAX-Online-Generator

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

### Tender specifications

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





last modified:

10/01/2020