

withdrawable circuit breaker with guide frame 3-pole, size III, IEC In=4000A to 690V, AC50/60Hz Icu=100kA at 500V rear connection horizontal Overcurrent release ETU 27 LSING protection adjustable 0.4-1 in Ground fault/N protection integrated With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 2NO+2NC

| Model                                                                        |                                                    |
|------------------------------------------------------------------------------|----------------------------------------------------|
| 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                                            | ETU27B                                             |
| General technical data                                                       |                                                    |
| number of poles                                                              | 3                                                  |
| size of the circuit-breaker                                                  | 3                                                  |
| utilization category                                                         | B                                                  |
| Voltage                                                                      |                                                    |
| 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                               | LSING                                              |
| Dissipation                                                                  |                                                    |
| power loss [W]                                                               |                                                    |
| • for rated value of the current / at AC / in hot operating state / per pole | 270 W                                              |
| • maximum                                                                    | 810 W                                              |
| 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                                                          | Plant / motor protection                           |
| Product details                                                              |                                                    |
| 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                                                |
| Product function                                                             |                                                    |
| product function                                                             |                                                    |
| • grounding protection                                                       | Yes                                                |
| • phase failure detection                                                    | Yes                                                |
| Display and operation                                                        |                                                    |
| display version                                                              | without display                                    |
| Short circuit                                                                |                                                    |
| operating 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  |
| <b>maximum short-circuit current breaking capacity (Icu)</b> |        |
| • 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

|                         |             |
|-------------------------|-------------|
| <b>height</b>           | 466.5 mm    |
| <b>width</b>            | 704 mm      |
| <b>depth</b>            | 456 mm      |
| <b>fastening method</b> | drawer unit |
| <b>Net Weight</b>       | 148 kg      |

#### Environmental conditions

|                                               |        |
|-----------------------------------------------|--------|
| <b>ambient temperature / during operation</b> |        |
| • minimum                                     | -20 °C |
| • maximum                                     | 70 °C  |
| <b>ambient temperature / during storage</b>   |        |
| • minimum                                     | -40 °C |
| • maximum                                     | 70 °C  |

#### Further information

##### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1340-4DG36-1AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4DG36-1AA2>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WL1340-4DG36-1AA2](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1340-4DG36-1AA2)

##### CAX-Online-Generator

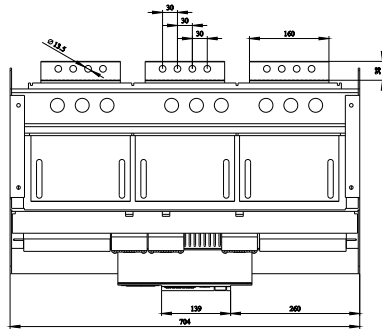
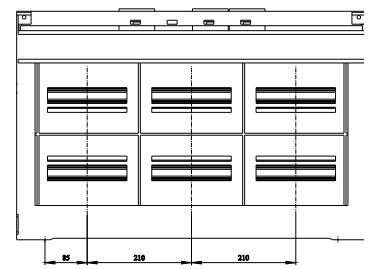
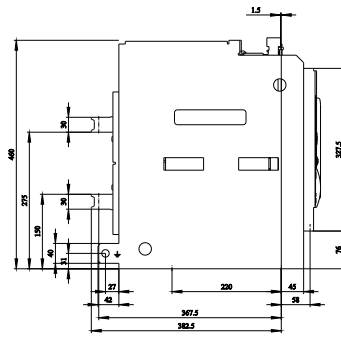
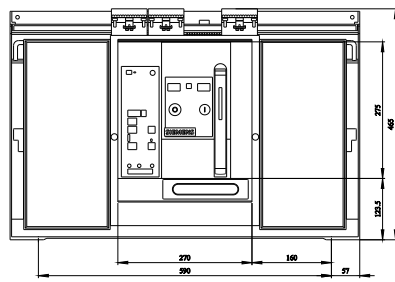
<https://www.siemens.com/cax>

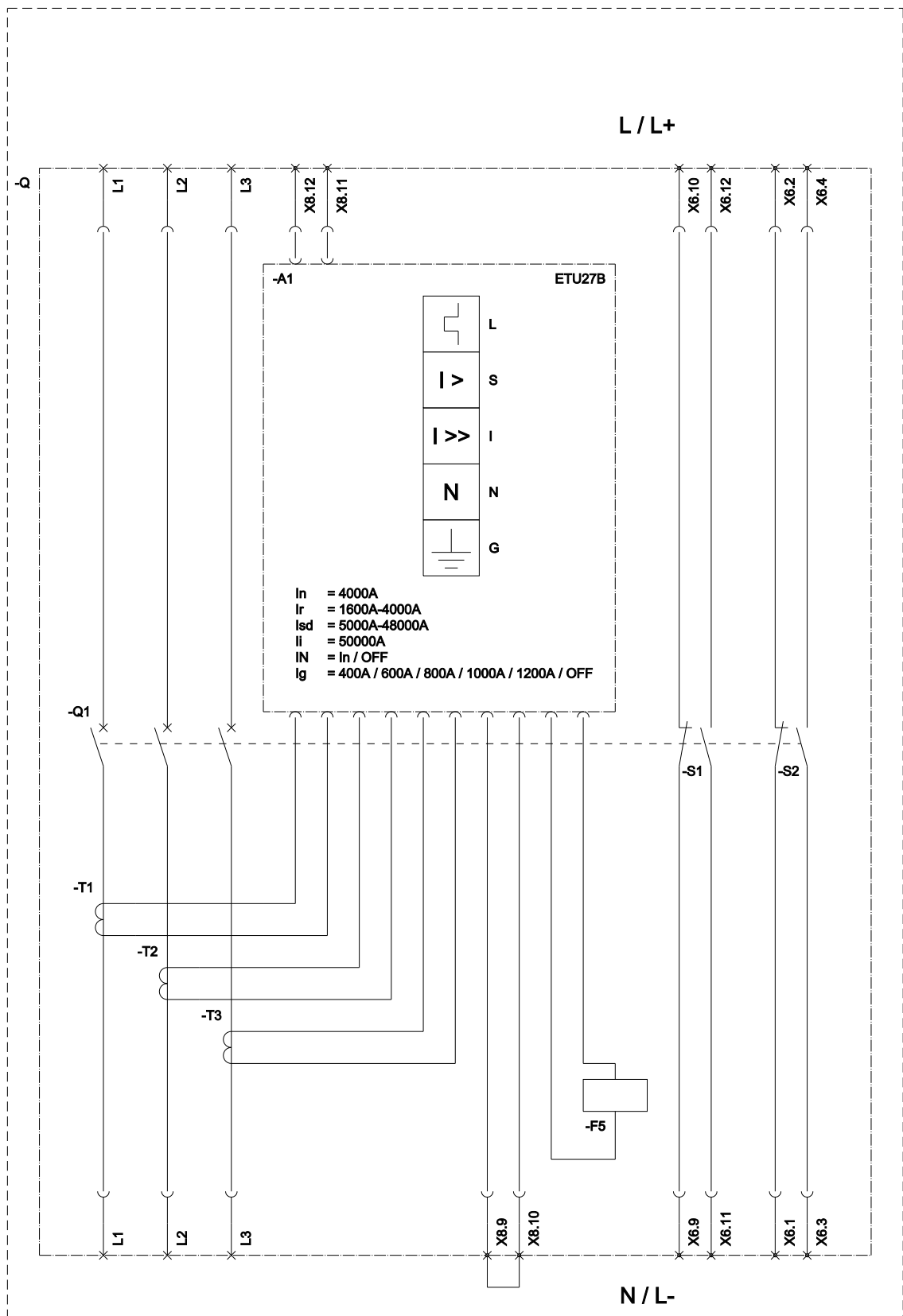
##### Tender specifications

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

##### Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP='HAUPT'></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP='HAUPT'></mmp_prod_no>)





L (Long Time Delay / Überlastschutz); S (Short Time Delay / Kurzschlusschutz, kurzzeitverzögert);  
 I (Instantaneous / Kurzschlusschutz, unverzögert); N (Neutral Protection / Neutralleiterschutz);  
 G (Ground Fault Protection / Erdschlusschutz); F5 (Maglatch for trip unit / Auslösemagnet); S1 - S8 (Auxiliary switch / Hilfsschalter);



