



Fixed-mounted circuit breaker IEC 60947-2, frame size 1, 3-poles,  $I_n=1600A$  up to 440V AC 50/60Hz, breaking capacity  $S_{Icu}=50kA$  at 440V, Trip unit ETU350WJ LSI Protection LT, ST, INST, rear connection horizontal, . Manual operating mechanism with mechanical closing, without Spring charging motor, Ready-to-close signal. switch, w/o Auxiliary switches, without Closing coil (CC), manual operating mechanism with mechanical closing, without Remote trip alarm reset coil (RR), without 2nd shunt trip, without 1st Shunt trip

| Model                                                                         |                                                                  |
|-------------------------------------------------------------------------------|------------------------------------------------------------------|
| suitability for use                                                           | circuit breaker                                                  |
| size of the circuit-breaker                                                   | I                                                                |
| number of poles                                                               | 3                                                                |
| position / of neutral conductor                                               | no internal N-conductor                                          |
| fastening method                                                              | fixed-mounted circuit breakers                                   |
| design of the product                                                         | AC application                                                   |
| type of the driving mechanism                                                 | manual operating mechanism with mechanical or electrical closing |
| Weight                                                                        | 52.5 kg                                                          |
| Net Weight                                                                    | 32.5 kg                                                          |
| General technical data                                                        |                                                                  |
| insulation voltage / rated value                                              | 1000 V                                                           |
| operating voltage / at AC / at 50/60 Hz / rated value                         | 440 V                                                            |
| Current                                                                       |                                                                  |
| continuous current / rated value / maximum                                    | 1600 A                                                           |
| Switching capacity and short-time withstand current, according to IEC 60947-2 |                                                                  |
| switching capacity class of the circuit breaker                               | S                                                                |
| Basic protection functions                                                    |                                                                  |
| L: Overload protection LT, Setting values $I_{2t}$                            |                                                                  |
| L: Overload protection N-conductor                                            |                                                                  |
| S: delayed short-circuit protection ST                                        |                                                                  |
| S: delayed short-circuit protection ST, settings values $I_{0t}$              |                                                                  |
| S: delayed short-circuit protection ST, settings values $I_{2t}$              |                                                                  |
| G: ground fault GF                                                            |                                                                  |
| Communication                                                                 |                                                                  |
| communication function                                                        | No                                                               |
| Main connection                                                               |                                                                  |
| arrangement of electrical connectors / for main current circuit               | top horizontal / bottom horizontal                               |
| Auxiliary circuit                                                             |                                                                  |
| design of the auxiliary switch                                                | without                                                          |
| number of NC contacts / for auxiliary contacts                                | 0                                                                |
| number of NO contacts / for auxiliary contacts                                | 0                                                                |
| Internal accessories                                                          |                                                                  |
| product component                                                             |                                                                  |
| • undervoltage release                                                        | No                                                               |
| • voltage trigger                                                             | No                                                               |
| • trip indicator                                                              | Yes                                                              |
| • motor drive                                                                 | No                                                               |
| Approvals / Certificates                                                      |                                                                  |
| General Product Approval                                                      | Test Certificates                                                |
|                                                                               | Dangerous goods                                                  |



[Type Examination Certificate](#)

[Transport Information](#)

#### 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 (catalogues, leaflets,...)**

<https://www.siemens.com/energy-automation>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WJ1116-2AE02-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WJ1116-2AE02-0AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WJ1116-2AE02-0AA0](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WJ1116-2AE02-0AA0)

**CAX-Online-Generator**

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

**Characteristic curves**

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



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