

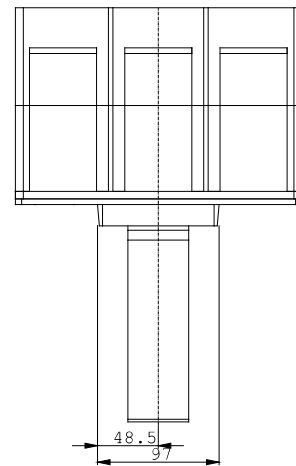
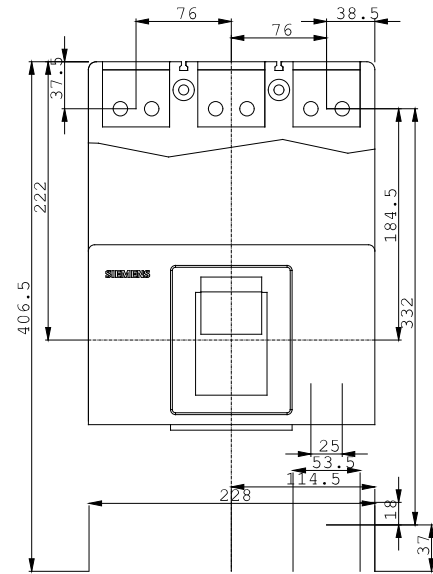
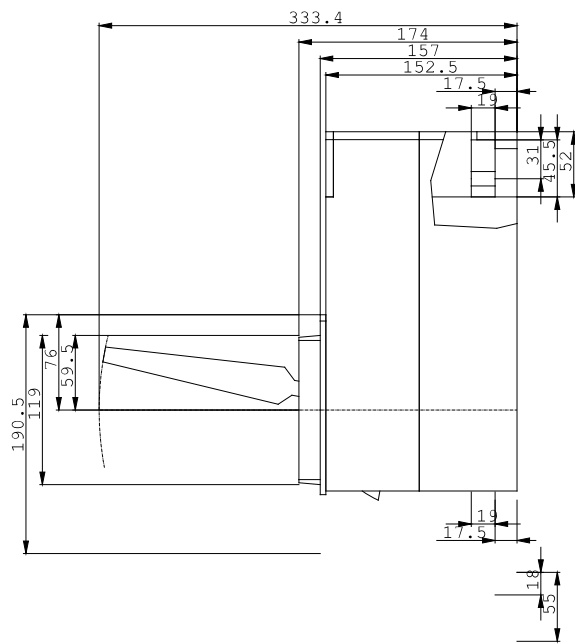
CIRCUIT-BREAKER VL 1600H WITHOUT ELECTRONIC  
TRIP UNIT HIGH BREAKING CAPACITY ICU=70KA / 415 V  
AC 3 POLE IN= < 1600A,  
RATED CURRENT WITHOUT AUXILIARY RELEASE

Similar to image

| General technical data:                                       |     |             |
|---------------------------------------------------------------|-----|-------------|
| Number of poles                                               |     | 3           |
| Electrical operating cycles as operating time / typical       |     | 1,500       |
| Mechanical operating cycles as operating time / typical       |     | 3,000       |
| Product component                                             |     |             |
| • auxiliary switch                                            |     | No          |
| • Voltage trigger                                             |     | No          |
| • undervoltage release mechanism                              |     | No          |
| • undervoltage release with leading contact                   |     | No          |
| Product function                                              |     |             |
| • ground-fault protection                                     |     | No          |
| • for zero conductors / short-circuit and overload protection |     | No          |
| • overload protection                                         |     | No          |
| Operating cycles / maximum                                    | 1/s | 30          |
| Protection class IP                                           |     | IP20        |
| Impulse voltage resistance / rated value                      | kV  | 8           |
| Ambient temperature                                           |     |             |
| • during operating                                            | °C  | -25 ... +70 |
| • during storage                                              | °C  | -40 ... +80 |

|                                                                                                |    |                                |
|------------------------------------------------------------------------------------------------|----|--------------------------------|
| <b>Main circuit:</b>                                                                           |    |                                |
| <b>Insulation voltage / for AC / rated value</b>                                               | V  | 800                            |
| <b>Operating frequency</b>                                                                     |    |                                |
| • 1 / rated value                                                                              | Hz | 50                             |
| • 2 / rated value                                                                              | Hz | 60                             |
| <b>Reference code</b>                                                                          |    |                                |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750                |    | Q                              |
| • according to DIN EN 61346-2                                                                  |    | Q                              |
| <b>Operating voltage / for main circuit</b>                                                    |    |                                |
| • at 50 Hz / with AC                                                                           |    |                                |
| • maximum                                                                                      | V  | 690                            |
| • at 60 Hz / with AC                                                                           |    |                                |
| • maximum                                                                                      | V  | 690                            |
| <b>Operating current</b>                                                                       |    |                                |
| • at 40 °C / rated value                                                                       | A  | 1,600                          |
| • at 50 °C / rated value                                                                       | A  | 1,600                          |
| • at 60 °C / rated value                                                                       | A  | 1,488                          |
| • at 70 °C / rated value                                                                       | A  | 1,376                          |
| <b>Continuous current / rated value</b>                                                        | A  | 1,600                          |
| <b>Derating temperature / for the rated value of the continuous current</b>                    | °C | 50                             |
| • acc. to UL 489                                                                               | °C | 40                             |
| <b>Auxiliary circuit:</b>                                                                      |    |                                |
| <b>Number of NC contacts / for auxiliary contacts</b>                                          |    | 0                              |
| <b>Number of NO contacts / for auxiliary contacts</b>                                          |    | 0                              |
| <b>Short-circuit:</b>                                                                          |    |                                |
| <b>Breaking capacity limit short-circuit current (I<sub>cu</sub>) / at 415 V / rated value</b> | kA | 70                             |
| <b>Installation/mounting/dimensions:</b>                                                       |    |                                |
| <b>Mounting type</b>                                                                           |    | fixed mounting                 |
| <b>Height</b>                                                                                  | mm | 406.5                          |
| <b>Width</b>                                                                                   | mm | 228.5                          |
| <b>Depth</b>                                                                                   | mm | 333.5                          |
| <b>Connections:</b>                                                                            |    |                                |
| <b>Arrangement of electrical connectors / for main current circuit</b>                         |    | front side                     |
| <b>Design of the electrical connection / for main current circuit</b>                          |    | without connection accessoires |
| <b>Certificates/approvals:</b>                                                                 |    |                                |

| General Product Approval                                                                                                                                                                                                                                                          |                                                                                   | Declaration of Conformity                                                                     | Test Certificates                                                                 |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                                                                                                                  | <a href="#">TSE</a>                                                               | <br>EG-Konf. | <a href="#">Special Test Certificate</a>                                          |                                                                                     |                                                                                     |
| Shipping Approval                                                                                                                                                                                                                                                                 |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |
|                                                                                                                                                                                                  |  |              |  |  |  |
| other                                                                                                                                                                                                                                                                             |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <a href="#">Confirmation</a>                                                                                                                                                                                                                                                      | <a href="#">other</a>                                                             | <a href="#">Environmental Confirmations</a>                                                   |                                                                                   |                                                                                     |                                                                                     |
| Further information:                                                                                                                                                                                                                                                              |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b><br><a href="http://www.siemens.com/lowvoltage/catalogs">http://www.siemens.com/lowvoltage/catalogs</a>                                                                                                           |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>Industry Mall (Online ordering system)</b><br><a href="https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VL8716-2AA30-0AA0">https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VL8716-2AA30-0AA0</a>                                                    |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b><br><a href="http://support.automation.siemens.com/WW/view/en/3VL8716-2AA30-0AA0/all">http://support.automation.siemens.com/WW/view/en/3VL8716-2AA30-0AA0/all</a>                                    |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)</b><br><a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL8716-2AA30-0AA0">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL8716-2AA30-0AA0</a> |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>CAX-Online-Generator</b><br><a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>                                                                                                                                                                                |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>Tender specifications</b><br><a href="#">Datanorm</a> <a href="#">GAEB81</a> <a href="#">GAEB83</a> <a href="#">RTF</a> <a href="#">TXT</a>                                                                                                                                    |                                                                                   |                                                                                               |                                                                                   |                                                                                     |                                                                                     |



last change:

Jun 16, 2014