

Similar to image

CIRCUIT-BREAKER VL 250H HIGH BREAKING CAPACITY  
 ICU=70KA / 415 V AC 3 POLE,  
 LINE PROTECTION OVERCURRENT RELEASE TM,  
 LI IN=250A, RATED CURRENT IR=200-250A,  
 OVERLOAD II=1200-2500A,  
 SHORT-CIRCUIT WITHOUT AUXILIARY RELEASE  
 WITHOUT AUXILIARY/ALARM SWITCH

**General technical data:**

|   |     |                   |
|---|-----|-------------------|
| <b>Number of poles</b>                                      |     | 3                 |
| <b>Design of the overcurrent release</b>                    |     | TM                |
| <b>Suitability for use</b>                                  |     | system protection |
| <b>Usage category</b>                                       |     | A                 |
| <b>Electrical endurance (switching cycles) / typical</b>    |     | 10,000            |
| <b>Mechanical service life (switching cycles) / typical</b> |     | 20,000            |
| <b>Active power loss / maximum</b>                          | W   | 80                |
| <b>Product component</b>                                    |     |                   |
| • Auxiliary switch  |     | No                |
| • Voltage trigger   |     | No                |
| • undervoltage release                                      |     | No                |
| • undervoltage release with leading contact                 |     | No                |
| <b>Product function</b>                                     |     |                   |
| • of the thermal overload release                           |     | adjustable        |
| • Ground fault protection                                   |     | No                |
| • for neutral conductors / Short-circuit and overload proof |     | No                |
| • overload protection                                       |     | Yes               |
| <b>Operating frequency / maximum</b>                        | 1/s | 120               |

|   |    |             |
|---|----|-------------|
| <b>Protection class IP</b>                            |    | IP20        |
| <b>Protective function of the overcurrent release</b> |    | LI          |
| <b>Surge voltage resistance / Rated value</b>         | kV | 8           |
| <b>Ambient temperature</b>                            |    |             |
| • during operation                                    | °C | 0 ... 70    |
| • during storage                                      | °C | -40 ... +80 |

#### Main circuit:

|   |    |       |
|---|----|-------|
| <b>Insulation voltage / with AC / Rated value</b>                           | V  | 800   |
| <b>Operating frequency</b>  |    |       |
| • 1 / Rated value   | Hz | 50    |
| • 2 / Rated value   | Hz | 60    |
| <b>Reference code</b>   |    |       |
| • acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750       |    | Q     |
| • acc. to DIN EN 61346-2  |    | Q     |
| <b>Operating voltage / for main current circuit</b>                         |    |       |
| • with AC / at 50 Hz  |    |       |
| • maximum   | V  | 690   |
| • with AC / at 60 Hz  |    |       |
| • maximum   | V  | 690   |
| <b>Operating voltage / for main current circuit / for DC</b>                |    |       |
| • maximum   | V  | 500   |
| <b>Operating current</b>  |    |       |
| • at 40 °C / Rated value  | A  | 250   |
| • at 50 °C / Rated value  | A  | 250   |
| • at 60 °C / Rated value  | A  | 232.5 |
| • at 70 °C / Rated value  | A  | 215   |
| <b>Continuous current / Rated value</b>                                     | A  | 250   |
| <b>Derating temperature / for the rated value of the continuous current</b> | °C | 50    |

#### Auxiliary circuit:

|   |  |   |
|---|--|---|
| <b>Number of NC contacts / for auxiliary contacts</b> |  | 0 |
| <b>Number of NO contacts / for auxiliary contacts</b> |  | 0 |

#### Short-circuit:

|  |    |                 |
|--|----|-----------------|
| <b>Adjustable response value current</b>   |    |                 |
| • of the current-dependent overload release  | A  | 200 ... 250     |
| • of the instantaneous short-circuit release   | A  | 1,250 ... 2,500 |
| <b>Maximum short-circuit current breaking capacity (I<sub>cu</sub>) / at 415 V / Rated value</b> | kA | 70              |


### Installation/mounting/dimensions:

|                      |    |                |
|----------------------|----|----------------|
| <b>Mounting type</b> |    | fixed mounting |
| <b>Height</b>        | mm | 185.5          |
| <b>Width</b>         | mm | 104.5          |
| <b>Depth</b>         | mm | 106.5          |

### Connections:

|   |  |  |
|---|--|--|
| <b>Arrangement of electrical connectors / for main current circuit</b>  |  | front side   |
| <b>Design of the electrical connection / for main current circuit</b>   |  | screw-type terminals   |
| <b>Type of connectable conductor cross-section</b>  |  |  |
| <ul style="list-style-type: none"> <li>• for main contacts             <ul style="list-style-type: none"> <li>• with flexible busbar</li> <li>• solid</li> <li>• finely stranded / with core end processing</li> <li>• stranded</li> </ul> </li> <li>• for auxiliary contacts             <ul style="list-style-type: none"> <li>• solid</li> <li>• finely stranded / with core end processing</li> </ul> </li> </ul> |  | 17 x 10 mm<br>25 ... 185 mm <sup>2</sup><br>25 ... 120 mm <sup>2</sup><br>25 ... 185 mm <sup>2</sup><br><br>0.75 ... 1.5 mm <sup>2</sup><br>0,75 ... 1.0 mm <sup>2</sup> |

### Certificates/approvals:

|   |                                  |  |
|---|----------------------------------|--|
| <b>General Product Approval</b>   | <b>Declaration of Conformity</b> | <b>Test Certificates</b>                 |
| <a href="#">KTL</a>   | <a href="#">TSE</a>              | <a href="#">Special Test Certificate</a> |
| <br>EG-Konf. |                                  |  |

### Shipping Approval



ABS



BUREAU  
VERITAS



DNV



GL



PRS



RINA

### Shipping Approval other



RMRS

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

### Further information:

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

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

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VL3725-2DC36-0AA0>

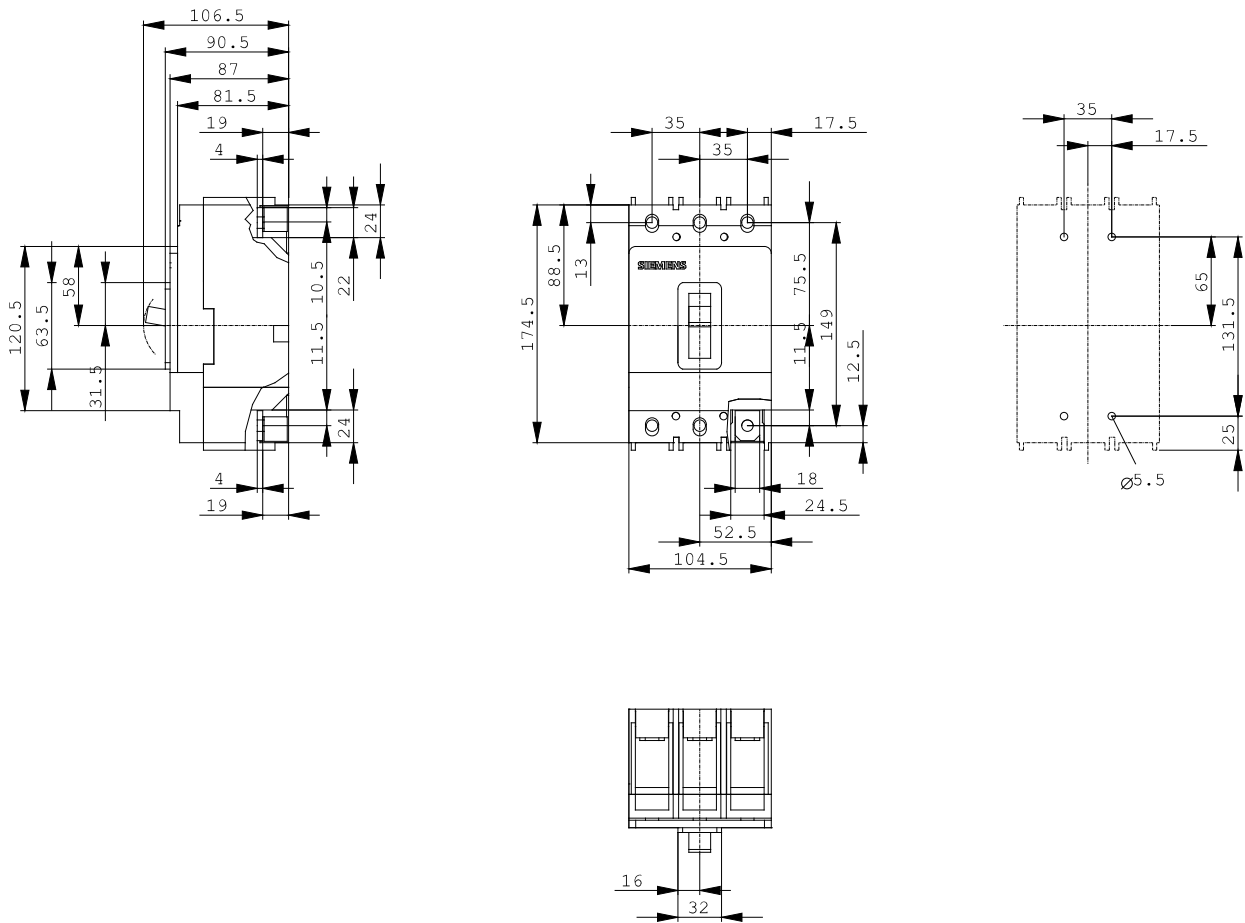
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3VL3725-2DC36-0AA0/all>

CAX-Online-Generator

Tender specifications

[Datanorm GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)



last change:

Nov 19, 2014