

Similar to image

CIRCUIT-BREAKER VL160X N STANDARD SWITCHING  
CAPACITY ICU=55KA / 415 V AC 3 POLE,  
LINE PROTECTION OVERCURRENT RELEASE TM,  
LI IN=50A, RATED CURRENT IR=40-50A,  
OVERLOAD II=600A, SHORT-CIRCUIT

### General technical data:

<b>Ambient temperature / during the operating phase</b>	°C	-25 ... 70
<b>Number of poles</b>		3
<b>Product function</b>		
• of the thermal overload release		adjustable
<b>Protection class IP</b>		IP20
<b>Design of the overcurrent release</b>		TM
<b>Derating temperature / for the rated value of the continuous current</b>	°C	50
• acc. to UL 489	°C	40
<b>Item designation</b>		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		Q
• according to DIN EN 61346-2		Q

### Main circuit:

<b>Continuous current / rated value</b>	A	50
<b>Adjustable response current</b>		
• of the current-dependent overload release	/ A	50
<b>Operating voltage / for main current circuit</b>		
• at 50 Hz / for AC / maximum	V	690
• at 60 Hz / for AC / maximum	V	690
• at 50 Hz / for AC / acc. to UL 489 / maximum	V	600
• at 60 Hz / for AC / acc. to UL 489 / maximum	V	600
• for DC / acc. to UL 489 / maximum	V	250

### Auxiliary circuit:

<b>Number of change-over switches / for auxiliary contact</b>		0
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### Short-circuit:

<b>Breaking capacity limit short-circuit current (Icu)</b>		
• at 415 V / rated value	kA	40

## Installation/mounting/dimensions:

### Type of fixing/fixation

fixed mounting

## Connections:

### Design of the electrical connection

- for main current circuit

box terminals

### Arrangement of electrical connectors

- for main current circuit

front side

## Further information:

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

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

### Global Industry Mall (Online ordering system)

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

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

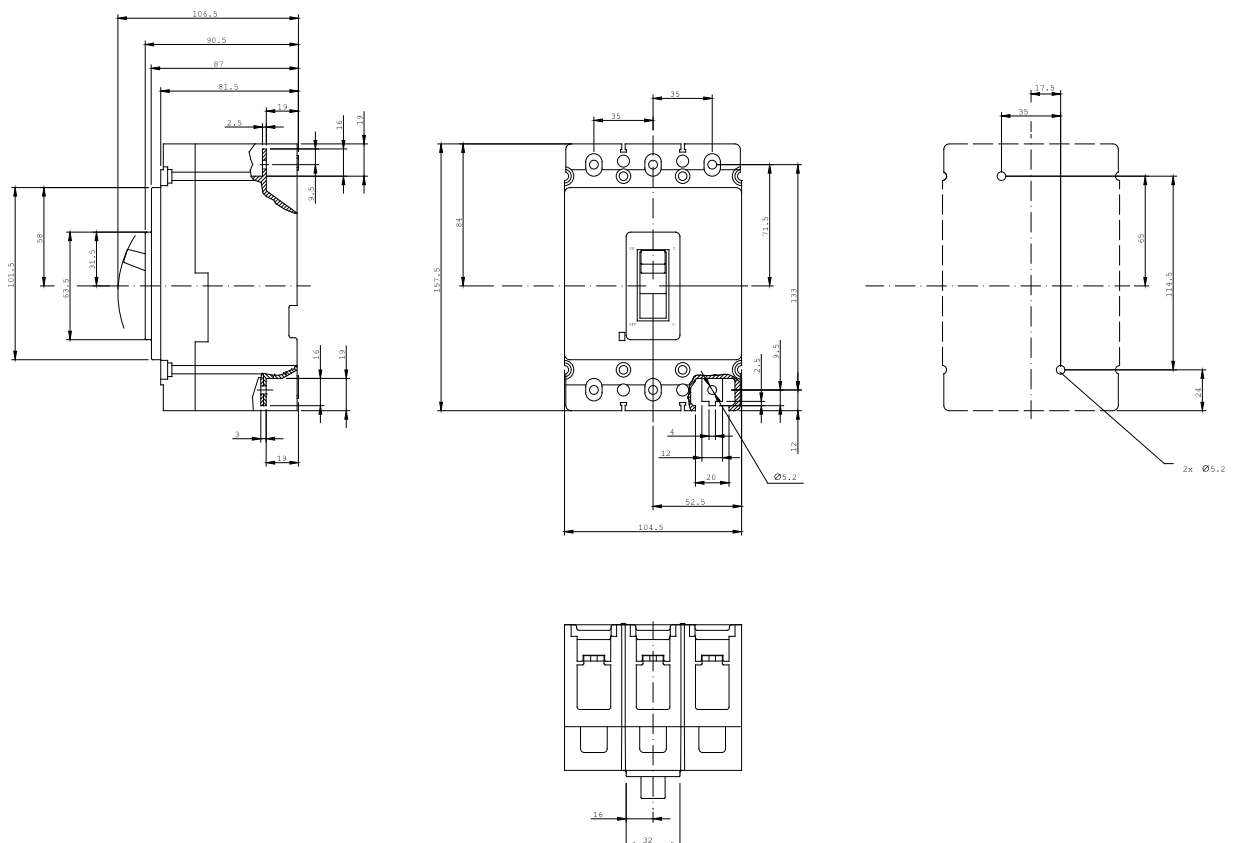
<http://support.automation.siemens.com/WW/view/en/3VL1705-1DD33-.../all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VL1705-1DD33-...](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL1705-1DD33-...)

### Tender specifications

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



last change:

Jun 14, 2010