

CIRCUIT-BREAKER VL 160H WITHOUT ELECTRONIC TRIP UNIT HIGH BREAKING CAPACITY ICU= /0 KA / 415 V AC,
 4-POLE IN= < 160 A,
 RATED CURRENT WITHOUT AUXILIARY RELEASE WITH SCREW CONNECTIONS FOR CONTACT UNIT AND OVERVOLTAGE RELEASE

Similar to image

General technical data:

Number of poles		4
Electrical operating cycles as operating time / typical		10,000
Mechanical operating cycles as operating time / typical		20,000
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	120
Protection class IP		IP20
Impulse voltage resistance / rated value	kV	8
Ambient temperature		
• during operating	°C	-25 ... +70
• during storage	°C	-40 ... +80

Main circuit:**Insulation voltage / for AC / rated value**

V 800

Operating frequency

• 1 / rated value

Hz 50

• 2 / rated value

Hz 60

Reference code• according to DIN 40719 extended according to IEC 204-2 /
according to IEC 750

Q

• according to DIN EN 61346-2

Q

Operating voltage / for main circuit

• at 50 Hz / with AC

• maximum

V 690

• at 60 Hz / with AC

• maximum

V 690

Operating current

• at 40 °C / rated value

A 160

• at 50 °C / rated value

A 160

• at 60 °C / rated value

A 148.8

• at 70 °C / rated value

A 137.6

Continuous current / rated value

A 160

Derating temperature / for the rated value of the continuous current

°C 50

• acc. to UL 489

°C 40

Auxiliary circuit:**Number of NC contacts / for auxiliary contacts**

0

Number of NO contacts / for auxiliary contacts

0

Short-circuit:**Breaking capacity limit short-circuit current (I_{cu}) / at 415 V /
rated value**

kA 70

Installation/mounting/dimensions:**Mounting type**

fixed mounting

Height

mm 174.5

Width

mm 139.5

Depth

mm 106.5

Connections:**Arrangement of electrical connectors / for main current circuit**

front side

Design of the electrical connection / for main current circuit

screw-type terminals

Certificates/approvals:

General Product Approval	Declaration of Conformity	Test Certificates
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[TSE](#)



[Special Test Certificate](#)

Shipping Approval



Shipping Approval

other



[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/3VL2716-2AA46-0AA0>

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

<http://support.automation.siemens.com/WWW/view/en/3VL2716-2AA46-0AA0/all>

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

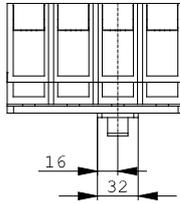
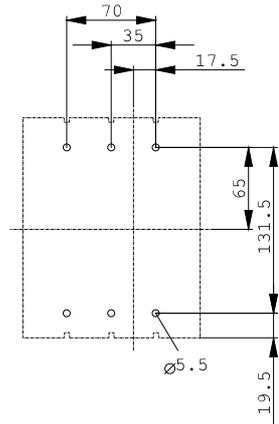
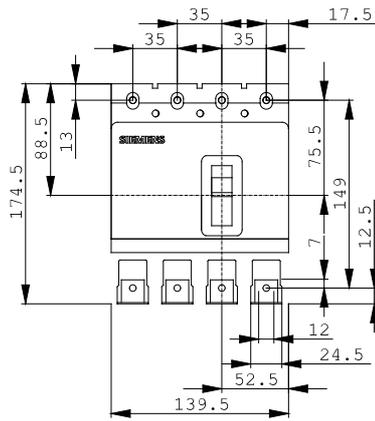
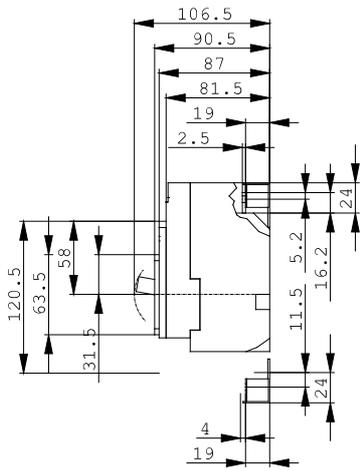
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL2716-2AA46-0AA0

CAX-Online-Generator

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

Tender specifications

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



last change:

Jun 16, 2014