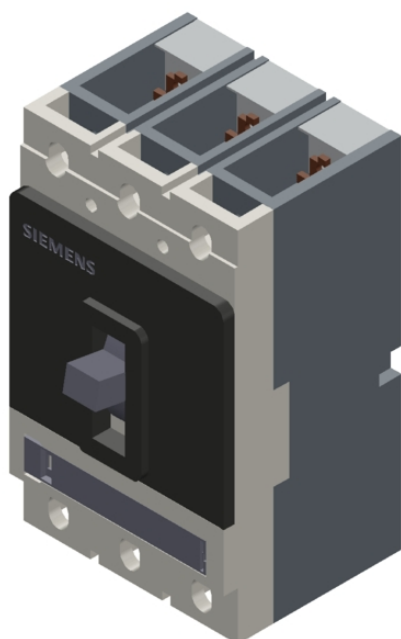




Similar to image

CIRCUIT-BREAKER VL 160H HIGH BREAKING CAPACITY
 ICU=70KA / 415 V AC 3 POLE,
 MOTOR/ GENERATOR PROTECTION ELECTRONIC TRIP
 UNIT ETU10M,
 LI IN=160A, RATED CURRENT IR=64-160A,
 OVERLOAD II=1,25TO11XIN,
 SHORT CIRCUIT WITH SCREW CONNECTION WITHOUT
 AUXILIARY RELEASE AUXILIARY SWITCH KIT
 2HS(1NO+1NC)

General technical data:

Number of poles		3
Design of the overcurrent release		ETU10M
Suitability for use		Motor Protection
Usage category		A
Electrical endurance (switching cycles) / typical		10,000
Mechanical service life (switching cycles) / typical		20,000
Active power loss / maximum	W	40
Product component		
• Auxiliary switch		Yes
• Voltage trigger		No
• undervoltage release		No
• undervoltage release with leading contact		No
Product function		
• of the thermal overload release		adjustable
• Ground fault protection		No
• for neutral conductors / Short-circuit and overload proof		No
• overload protection		Yes
Operating frequency / maximum	1/s	120

Protection class IP		IP20
Protective function of the overcurrent release		LI
Surge voltage resistance / Rated value	kV	8
Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +80

Main circuit:		
Insulation voltage / with AC / Rated value	V	800
Operating frequency		
• 1 / Rated value	Hz	50
• 2 / Rated value	Hz	60
Operating power / at AC-3		
• at 230 V / Rated value	kW	29.4
• at 400 V / Rated value	kW	88.7
Reference code		
• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750		Q
• acc. to DIN EN 61346-2		Q
Operating voltage / for main current circuit		
• with AC / at 50 Hz		
• maximum	V	690
• with AC / at 60 Hz		
• 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	152
• at 70 °C / Rated value	A	128
Continuous current / Rated value	A	160
Derating temperature / for the rated value of the continuous current	°C	50

Auxiliary circuit:		
Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		1

Short-circuit:		
Adjustable response value current		
• of the current-dependent overload release	A	64 ... 160
• of the instantaneous short-circuit release	A	200 ... 1,760

Maximum short-circuit current breaking capacity (Icu) / at 415 V / Rated value	kA	70
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Installation/mounting/dimensions:

Mounting type		fixed mounting
Height	mm	174.5
Width	mm	104.5
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
Type of connectable conductor cross-section		
- for main contacts - with flexible busbar - solid - finely stranded / with core end processing - stranded - for auxiliary contacts - solid - finely stranded / with core end processing		12 x 10 mm 2.5 ... 95 mm ² 2.5 ... 50 mm ² 2.5 ... 95 mm ² 0.75 ... 1.5 mm ² 0,75 ... 1.0 mm ²

Certificates/approvals:

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



[Special Test Certificate](#)

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/3VL2716-2SP36-0AB1>

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

<http://support.automation.siemens.com/WW/view/en/3VL2716-2SP36-0AB1/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL2716-2SP36-0AB1

CAX-Online-Generator

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

Tender specifications

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

last change:

Nov 19, 2014