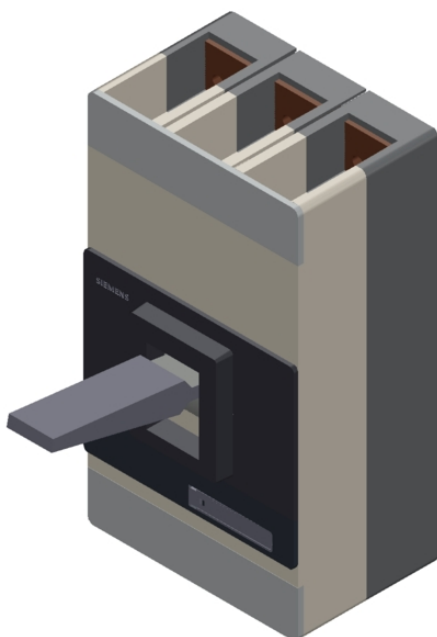




Similar to image

CIRCUIT-BREAKER VL 1600H HIGH BREAKING
CAPACITY ICU= 70KA,
415V AC 3-POLE,
PLANT PROTECTION ELECTRONIC TRIP UNIT ETU20,
LSI IN= 1600A,
RATED CURRENT IR= 640...1600A,
OVERLOAD PROTECTION, ISD=1.5 TO 8 X IR,
II=9 X IN SHORT-CIRCUIT PROTECTION MARINE
APPROVAL FOR LRS,
DNV AND GL WITHOUT AUXILIARY RELEASE AUXILIARY
SWITCH KIT 4HS(2NO+2NC)

General technical data:

Number of poles		3
Design of the overcurrent release		ETU20
Acceptability for application		system/generator protection
Electrical operating cycles as operating time / typical		1,500
Mechanical operating cycles as operating time / typical		3,000
Active power loss / maximum	W	260
Product component • auxiliary switch • Voltage trigger • undervoltage release mechanism • undervoltage release with leading contact		Yes No No No
Product function • of the thermal overload release • ground-fault protection • for zero conductors / short-circuit and overload protection • overload protection		adjustable No No Yes
Operating cycles / maximum	1/s	30
Protection class IP		IP20

Protective function of the overcurrent release		LSI
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	1,600
• at 50 °C / rated value	A	1,600
• at 60 °C / rated value	A	1,520
• at 70 °C / rated value	A	1,280
Continuous current / rated value	A	1,600
Derating temperature / for the rated value of the continuous current	°C	50

Auxiliary circuit:		
Number of NC contacts / for auxiliary contacts		2
Number of NO contacts / for auxiliary contacts		2

Short-circuit:		
Adjustable response current		
• of the current-dependent overload release	A	640 ... 1,600
• of the non-delayed short-circuit release	A	14,400 ... 14,400
Breaking capacity limit short-circuit current (Icu) / at 415 V / rated value	kA	70

Installation/mounting/dimensions:		
Mounting type		fixed mounting

Height	mm	406.5
Width	mm	228.5
Depth	mm	333.5

Connections:

Arrangement of electrical connectors / for main current circuit		front side
Design of the electrical connection / for main current circuit		without connection accessoires
Type of the connectable conductor cross-section • for auxiliary contacts • solid • finely stranded / with conductor end processing		0.75 ... 1.5 mm ² 0,75 ... 1.0 mm ²

Certificates/approvals:

General Product Approval	Declaration of Conformity	Test Certificates
 TSE	 EG-Konf.	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/3VL8716-2LE30-0AC1>

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

<http://support.automation.siemens.com/WW/view/en/3VL8716-2LE30-0AC1/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL8716-2LE30-0AC1

CAX-Online-Generator

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

Tender specifications

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

last change:

Jun 16, 2014