

Similar to image

CIRCUIT-BREAKER VL 400H HIGH BREAKING CAPACITY
 ICU=70KA / 415 V AC 3 POLE,
 NON-AUTOMATIC OVERCURRENT RELEASE MAGNETIC
 IN=400A,
 RATED CURRENT II=4000A, SHORT CIRCUIT

General technical data:

Number of poles		3
Design of the overcurrent release		M
Acceptability for application		non-automatic circuit-breakers
Electrical operating cycles as operating time / typical		10,000
Mechanical operating cycles as operating time / typical		20,000
Active power loss / maximum	W	90
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
Protective function of the overcurrent release		I

Impulse voltage resistance / rated value	kV	8
Ambient temperature		
• during operating		
• minimum	°C	-25 ...
• maximum	°C	70
• during storage		
• minimum	°C	-40
• maximum	°C	80

Main circuit:

Insulation voltage / for AC / rated value	V	800
Operating frequency		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		Q
• according to DIN EN 61346-2		Q
Operating voltage		
• for main current circuit		
• at 50 Hz / for AC		
• maximum	V	690
• at 60 Hz / for AC		
• maximum	V	690
• for DC		
• maximum	V	500
Operating current		
• at 40 °C / rated value	A	400
• at 50 °C / rated value	A	400
• at 60 °C / rated value	A	372
• at 70 °C / rated value	A	344
Continuous current / rated value	A	400
Derating temperature / for the rated value of the continuous current	°C	50

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0

Short-circuit:

Adjustable response current		
• of the current-dependent overload release		

<ul style="list-style-type: none"> • initial value 		...
<ul style="list-style-type: none"> • of the non-delayed short-circuit release 		
<ul style="list-style-type: none"> • initial value 	A	4,000 ...
<ul style="list-style-type: none"> • final value 	A	4,000
Breaking capacity limit short-circuit current (Icu) / at 415 V / rated value	kA	70





Installation/mounting/dimensions:

Type of mounting		fixed mounting
Height	mm	279.5
Width	mm	139
Depth	mm	163.5

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 the connectable conductor cross-section		
<ul style="list-style-type: none"> • for main contacts 		
<ul style="list-style-type: none"> • solid 		50 ... 300 mm ²
<ul style="list-style-type: none"> • stranded 		50 ... 300 mm ²
<ul style="list-style-type: none"> • for auxiliary contacts 		
<ul style="list-style-type: none"> • solid 		0.75 ... 1.5 mm ²
<ul style="list-style-type: none"> • finely stranded / with conductor end processing 		0,75 ... 1.0 mm ²

Certificates/approvals:

General Product Approval			Declaration of Conformity	Test Certificates
				Special Test Certificate
CCC	CSA	GOST	EG-Konf.	

Shipping Approval

				
BUREAU VERITAS	GL	LRS	PRS	RINA

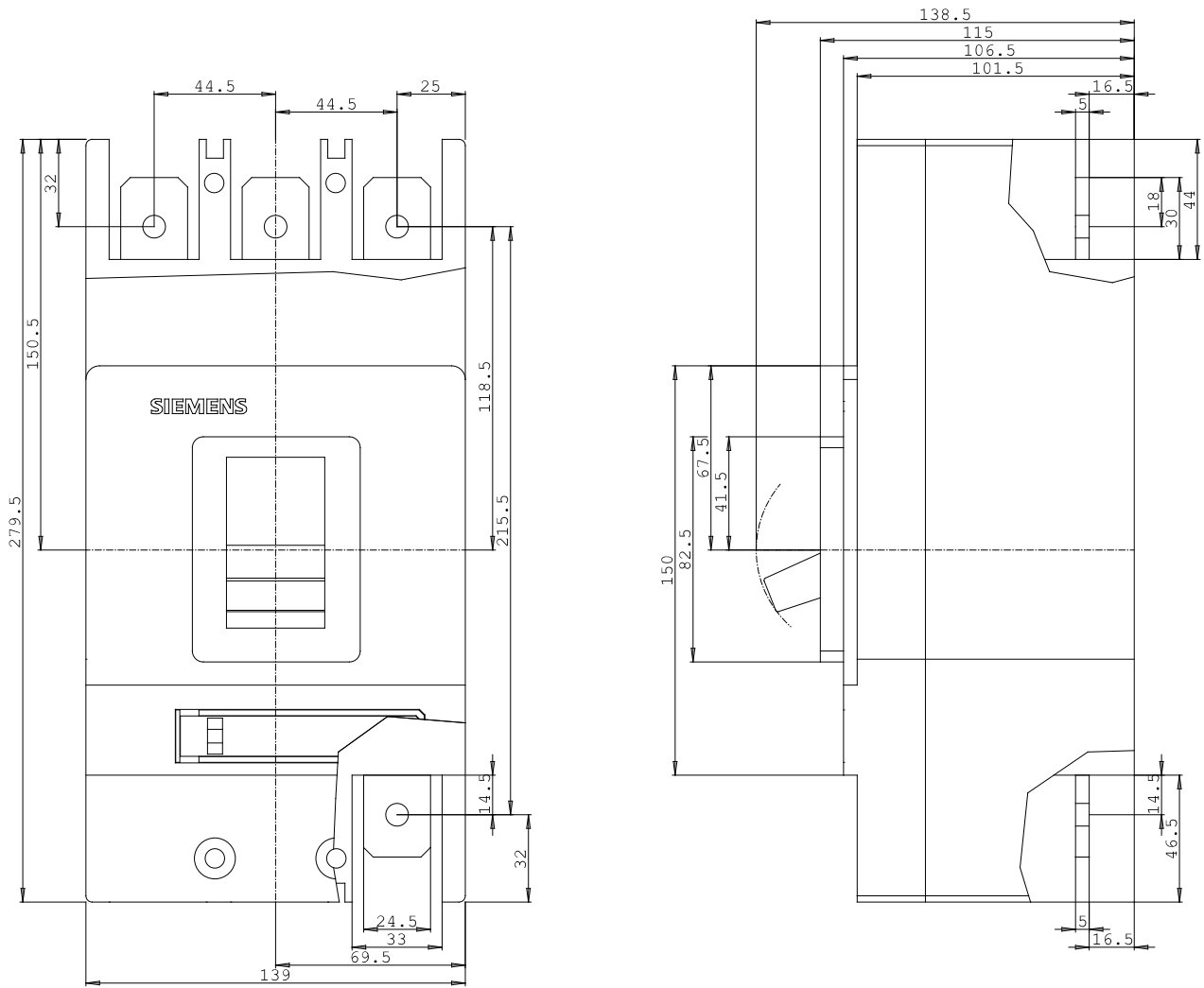
other

Confirmation	other	Environmental Confirmations
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Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)
<http://www.siemens.com/lowvoltage/mall>



last change:

Jun 5, 2013