

Similar to image

CIRCUIT-BREAKER VL 400L VERY HIGH BREAKING CAPACITY ICU=100KA / 415 V AC 3 POLE, STARTER COMBINATION PROTECTION OVERCURRENT RELEASE MAGNETIC IN=200A, RATED CURRENT II=1250-2500A, SHORT-CIRCUIT

### General technical data:

<b>Number of poles</b>		3
<b>Design of the overcurrent release</b>		M
<b>Acceptability for application</b>		Starter protection
<b>Product component</b>		No
<ul style="list-style-type: none"> <li>• undervoltage release with leading contact</li> </ul>		
<b>Protection class IP</b>		IP20
<b>Protective function of the overcurrent release</b>		I
<b>Impulse voltage resistance / rated value</b>	kV	8
<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operating</li> </ul>		
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	°C	-25 ...
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	°C	70
<ul style="list-style-type: none"> <li>• during storage</li> </ul>		
<ul style="list-style-type: none"> <li>• minimum</li> </ul>	°C	-40
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	°C	50

### Main circuit:

<b>Insulation voltage / for AC / rated value</b>	V	800
<b>Operating frequency</b>		
<ul style="list-style-type: none"> <li>• 1 / rated value</li> </ul>	Hz	50
<ul style="list-style-type: none"> <li>• 2 / rated value</li> </ul>	Hz	60
<b>Item designation</b>		
<ul style="list-style-type: none"> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		Q
<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> </ul>		Q
<b>Operating voltage</b>		
<ul style="list-style-type: none"> <li>• for main current circuit</li> </ul>		
<ul style="list-style-type: none"> <li>• at 50 Hz / for AC</li> </ul>		
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	V	690

<ul style="list-style-type: none"> <li>at 60 Hz / for AC</li> <li>maximum</li> </ul>	V	690
<b>Continuous current / rated value</b>	A	200
<b>Derating temperature / for the rated value of the continuous current</b>	°C	50
<ul style="list-style-type: none"> <li>acc. to UL 489</li> </ul>	°C	40

**Short-circuit:**

<b>Adjustable response current</b>		
<ul style="list-style-type: none"> <li>of the current-dependent overload release</li> <li>initial value</li> </ul>		- ...
<ul style="list-style-type: none"> <li>of the non-delayed short-circuit release</li> <li>initial value</li> </ul>		- ...
<b>Breaking capacity limit short-circuit current (I<sub>cu</sub>) / at 415 V / rated value</b>	kA	100

**Installation/mounting/dimensions:**

<b>Type of mounting</b>	fixed mounting
-------------------------	----------------

**Connections:**

<b>Arrangement of electrical connectors / for main current circuit</b>	front side
<b>Design of the electrical connection / for main current circuit</b>	screw-type terminals

**Certificates/approvals:**

<b>General Product Approval</b>	<b>EMC</b>	<b>Declaration of Conformity</b>
---------------------------------	------------	----------------------------------



[KTL](#)



**Test Certificates**

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

**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)**

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

---

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

<http://support.automation.siemens.com/WW/view/en/3VL4720-3DK36-..../all>

---

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VL4720-3DK36-....](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL4720-3DK36-....)

---

**CAX-Online-Generator**

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

---

**last change:**

Feb 8, 2013