

Similar to image

CIRCUIT-BREAKER VL 250N STANDARD SWITCHING  
CAPACITY R.U.S.-C.BR.C.= 55KA,  
415 V AC 3-POLE,  
MOTOR PROTECTION OVERCURRENT RELEASE  
ETU30M,  
LI IN=250A,  
RATED CURRENT TC= 10A ... 30,  
TIME LAG CLASS II= 6 ... 11 X IN,  
SHORT-CIRCUIT PROTECTION WITH BOX TERMINAL

### General technical data:

<b>Ambient temperature / during the operating phase</b>	°C	-25 ... 70
<b>Number of poles</b>		3
<b>Product function</b>		
<ul style="list-style-type: none"> <li>• of the thermal overload release</li> </ul>		adjustable
<b>Protection class IP</b>		IP20
<b>Design of the overcurrent release</b>		ETU
<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
<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

### Main circuit:

<b>Continuous current / rated value</b>	A	250
<b>Adjustable response current</b>		
<ul style="list-style-type: none"> <li>• of the current-dependent overload release</li> </ul>	/ A	250
<b>Operating voltage / for main current circuit</b>		
<ul style="list-style-type: none"> <li>• at 50 Hz / for AC / maximum</li> </ul>	V	690
<ul style="list-style-type: none"> <li>• at 60 Hz / for AC / maximum</li> </ul>	V	690
<ul style="list-style-type: none"> <li>• at 50 Hz / for AC / acc. to UL 489 / maximum</li> </ul>	V	600
<ul style="list-style-type: none"> <li>• at 60 Hz / for AC / acc. to UL 489 / maximum</li> </ul>	V	600

### Auxiliary circuit:

<b>Number of change-over switches / for auxiliary contact</b>		0
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### Short-circuit:

<b>Breaking capacity limit short-circuit current (I<sub>cu</sub>)</b>		
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• at 415 V / rated value

kA

40

#### Installation/mounting/dimensions:

##### Type of fixing/fixation

fixed mounting

#### Connections:

##### Design of the electrical connection

• for main current circuit

box terminals

##### Arrangement of electrical connectors

• for main current circuit

front side

#### Further information:

##### Information- and Downloadcenter (Catalogs, Brochures,...)

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

##### Global 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/3VL3725-1AS33-..../all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VL3725-1AS33-....](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL3725-1AS33-....)

last change:

Apr 26, 2010