

Similar to image

CIRCUIT-BREAKER VL 250H HIGH BREAKING CAPACITY  
 ICU=70KA / 415 V AC 3 POLE,  
 MOTOR/ GENERATOR PROTECTION ELECTRONIC TRIP  
 UNIT ETU10M,  
 LI IN=250A, RATED CURRENT IR=100-250A,  
 OVERLOAD II=1,25TO11XIN,  
 SHORT-CIRCUIT WITHOUT AUXILIARY RELEASE  
 AUXILIARY SWITCH KIT 2HS(1NO+1NC)

**General technical data:**

<b>Number of poles</b>		3
<b>Design of the overcurrent release</b>		ETU10M
<b>Suitability for use</b>		Motor Protection
<b>Usage category</b>		A
<b>Electrical endurance (switching cycles) / typical</b>		10,000
<b>Mechanical service life (switching cycles) / typical</b>		20,000
<b>Active power loss / maximum</b>	W	60
<b>Product component</b>		
• Auxiliary switch		Yes
• Voltage trigger		No
• undervoltage release		No
• undervoltage release with leading contact		No
<b>Product function</b>		
• of the thermal overload release		adjustable
• Ground fault protection		No
• for neutral conductors / Short-circuit and overload proof		No
• overload protection		Yes
<b>Operating frequency / maximum</b>	1/s	120

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

#### Main circuit:

<b>Insulation voltage / with AC / Rated value</b>	V	800
<b>Operating frequency</b>		
• 1 / Rated value	Hz	50
• 2 / Rated value	Hz	60
<b>Operating power / at AC-3</b>		
• at 230 V / Rated value	kW	46
• at 400 V / Rated value	kW	138.5
<b>Reference code</b>		
• acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750		Q
• acc. to DIN EN 61346-2		Q
<b>Operating voltage / for main current circuit</b>		
• with AC / at 50 Hz		
• maximum	V	690
• with AC / at 60 Hz		
• maximum	V	690
<b>Operating current</b>		
• at 40 °C / Rated value	A	250
• at 50 °C / Rated value	A	250
• at 60 °C / Rated value	A	237.5
• at 70 °C / Rated value	A	200
<b>Continuous current / Rated value</b>	A	250
<b>Derating temperature / for the rated value of the continuous current</b>	°C	50

#### Auxiliary circuit:

<b>Number of NC contacts / for auxiliary contacts</b>		1
<b>Number of NO contacts / for auxiliary contacts</b>		1

#### Short-circuit:

<b>Adjustable response value current</b>		
• of the current-dependent overload release	A	100 ... 250
• of the instantaneous short-circuit release	A	313 ... 2,750

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	185.5
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		
<ul style="list-style-type: none"> <li>• for main contacts <ul style="list-style-type: none"> <li>• with flexible busbar</li> <li>• solid</li> <li>• finely stranded / with core end processing</li> <li>• stranded</li> </ul> </li> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>• solid</li> <li>• finely stranded / with core end processing</li> </ul> </li> </ul>		17 x 10 mm 25 ... 185 mm <sup>2</sup> 25 ... 120 mm <sup>2</sup> 25 ... 185 mm <sup>2</sup>  0.75 ... 1.5 mm <sup>2</sup> 0,75 ... 1.0 mm <sup>2</sup>

### Certificates/approvals:

General Product Approval	Declaration of Conformity	Test Certificates
<a href="#">TSE</a>	 EG-Konf.	<a href="#">Special Test Certificate</a>

### Shipping Approval



### other

<a href="#">Confirmation</a>	<a href="#">other</a>	<a href="#">Environmental Confirmations</a>
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### 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/3VL3725-2SP36-0AB1>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<http://support.automation.siemens.com/WW/view/en/3VL3725-2SP36-0AB1/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VL3725-2SP36-0AB1](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL3725-2SP36-0AB1)

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**CAX-Online-Generator**

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

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**Tender specifications**

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

**last change:**

Nov 19, 2014