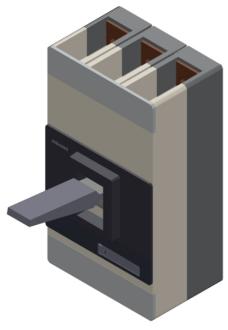
## SIEMENS

### **Product data sheet**

#### 3VL7712-2SB36-0AC1



CIRCUIT-BREAKER VL 1250H HIGH BREAKING CAPACITY ICU=70KA / 415 V AC 3 POLE, LINE PROTECTION ELECTRONIC TRIP UNIT ETU10, LI IN=1250A, RATED CURRENT IR=500-1250A, OVERLOAD II=1,25TO10XIN, SHORT CIRCUIT WITHOUT AUXILIARY RELEASE

AUXILIARY SWITCH KIT 4HS(2NO+2NC)

Similar to image

General technical data:		
Number of poles		3
Design of the overcurrent release		ETU10
Acceptability for application		system protection
Electrical operating cycles as operating time / typical		1,500
Mechanical operating cycles as operating time / typical		3,000
Active power loss / maximum	W	210
Product component		
auxiliary switch		Yes
Voltage trigger		No
<ul> <li>undervoltage release mechanism</li> </ul>		No
undervoltage release with leading contact	_	No
Product function		
<ul> <li>of the thermal overload release</li> </ul>		adjustable
ground-fault protection		No
<ul> <li>for zero conductors / short-circuit and overload protection</li> </ul>		No
overload protection		Yes
Operating cycles / maximum	1/s	30
Protection class IP		IP20

Protective function of the overcurrent release	_	LI
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		
<ul> <li>according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</li> </ul>		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	А	1,250
• at 50 °C / rated value	А	1,250
• at 60 °C / rated value	А	1,187.5
• at 70 °C / rated value	А	1,000
Continuous current / rated value	А	1,250
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	А	500 1,250
of the non-delayed short-circuit release	А	1,563 12,500
Breaking capacity limit short-circuit current (Icu) / at 415 V / rated value	kA	70
Installation/mounting/dimensions:		

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		screw-type terminals	
Type of the connectable conductor cross-section			
for auxiliary contacts			
• solid		0.75 1.5 mm²	
<ul> <li>finely stranded / with conductor end processing</li> </ul>		0,75 1.0 mm²	

## Certificates/approvals:

General Product	Approval		Declaration of Conformity	Test Certificates	
	(SA)	<u>TSE</u>	EG-Konf.	Special Test Certificate	
Shipping Approv	/al		other		
	GL	RINA	Confirmation	<u>other</u>	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/3VL7712-2SB36-0AC1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3VL7712-2SB36-0AC1/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VL7712-2SB36-0AC1

## CAx-Online-Generator

http://www.siemens.com/cax

# Tender specifications Datanorm GAEB81 GAEB83 RTF TXT

last change:

Mar 17, 2014