

Similar to image

CIRCUIT-BREAKER VL 1250H HIGH BREAKING
CAPACITY ICU=70KA / 415 V AC 4 POLE,
LINE PROTECTION ELECTRONIC TRIP UNIT ETU20,
LSI IN=1000A,
RATED CURRENT IR=400-1000A,
OVERLOAD ISD=1,5TO10XIR,
II=11XIN SHORT-CIRCUIT N UNPROTECTED

General technical data:

Number of poles		4
Design of the overcurrent release		ETU20
Acceptability for application		system/generator protection
Product component		No
<ul style="list-style-type: none"> • undervoltage release with leading contact 		
Protection class IP		IP20
Protective function of the overcurrent release		LSI
Impulse voltage resistance / rated value	kV	8
Ambient temperature		
<ul style="list-style-type: none"> • during operating 		
<ul style="list-style-type: none"> • minimum 	°C	-25 ...
<ul style="list-style-type: none"> • maximum 	°C	70
<ul style="list-style-type: none"> • during storage 		
<ul style="list-style-type: none"> • minimum 	°C	-40
<ul style="list-style-type: none"> • maximum 	°C	50

Main circuit:

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

<ul style="list-style-type: none"> • at 60 Hz / for AC • maximum 	V	690
Continuous current / rated value	A	1,000
Derating temperature / for the rated value of the continuous current	°C	50
<ul style="list-style-type: none"> • acc. to UL 489 	°C	40

Short-circuit:

Adjustable response current

- of the current-dependent overload release
 - initial value
- of the non-delayed short-circuit release
 - initial value

- ...

- ...

Breaking capacity limit short-circuit current (I_{cu}) / at 415 V / rated value

kA 70

Installation/mounting/dimensions:

Type of mounting

fixed mounting

Connections:

Arrangement of electrical connectors / for main current circuit

front side

Design of the electrical connection / for main current circuit

screw-type terminals

Certificates/approvals:

General Product Approval



CCC



CSA



GOST

EMC



C-TICK

Declaration of Conformity



EG-Konf.

Test Certificates

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Shipping Approval



GL



RINA

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/3VL7710-2TE46-.../all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL7710-2TE46-....

CAX-Online-Generator

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

last change:

Feb 8, 2013