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CIRCUIT-BREAKER VL 160L VERY HIGH BREAKING CAPACITY ICU=100KA / 415 V AC 3 POLE, MOTOR/GENERATOR PROTECTION ELECTRONIC TRIP UNIT LCD ETU40M, LI IN=160A, RATED CURRENT IR=64-160A, OVERLOAD II=1,25TO11XIN, SHORT CIRCUIT WITHOUT AUXILIARY RELEASE

General technical data:

Number of poles		3
Design of the overcurrent release		LCD ETU40M
Acceptability for application		Motor 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		LI
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	160
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 100

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

box terminals

Certificates/approvals:

Test Certificates

[Special Test Certificate](#)

Shipping Approval



RINA

other

[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/3VL2716-3UP33-0A.../all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL2716-3UP33-0A..

CAX-Online-Generator

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

last change:

Feb 8, 2013