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CIRCUIT-BREAKER VL 160H HIGH BREAKING CAPACITY
 ICU=70KA / 415 V AC 4 POLE,
 LINE PROTECTION ELECTRONIC TRIP UNIT LCD ETU40,
 LI/LS/LSI IN=63A,
 RATED CURRENT IR=25-63A,
 OVERLOAD ISD=1,5TO10XIR,
 II=11XIN SHORT-CIRCUIT N PROTECTED WITHOUT
 AUXILIARY RELEASE

General technical data:

| | | |
|---|----|-----------------------------|
| Number of poles | | 4 |
| Design of the overcurrent release | | LCD ETU40 |
| Acceptability for application | | system/generator protection |
| Product component | | No |
| <ul style="list-style-type: none"> • undervoltage release with leading contact | | No |
| Protection class IP | | IP20 |
| Protective function of the overcurrent release | | LSIN |
| 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 | | |
| <ul style="list-style-type: none"> • maximum | V | 690 |
| Continuous current / rated value | A | 63 |
| 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 | | |
| <ul style="list-style-type: none"> • of the current-dependent overload release | | - ... |
| <ul style="list-style-type: none"> • initial value | | |
| <ul style="list-style-type: none"> • of the non-delayed short-circuit release | | - ... |
| <ul style="list-style-type: none"> • 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 | box terminals |

Certificates/approvals:

| Test Certificates | Shipping Approval | other |
|--|---|---|
| Special Test Certificate |  | 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/3VL2706-2UJ43-0A../all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL2706-2UJ43-0A..

CAX-Online-Generator

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

last change:

Feb 8, 2013