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CIRCUIT-BREAKER VL160X H HIGH SWITCHING CAPACITY ICU=70KA / 415 V AC 4 POLE, LINE PROTECTION OVERCURRENT RELEASE TM, LI IN=40A, RATED CURRENT IR=40A, OVERLOAD II=600A, SHORT-CIRCUIT N NOT PROTECTED

General technical data:

Ambient temperature / during the operating phase	°C	-25 ... 70
Number of poles		4
Product function		
<ul style="list-style-type: none"> of the thermal overload release 		fixed
Protection class IP		IP20
Design of the overcurrent release		TM
Derating temperature / for the rated value of the continuous current	°C	50
<ul style="list-style-type: none"> acc. to UL 489 	°C	40
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

Main circuit:

Continuous current / rated value	A	40
Adjustable response current		
<ul style="list-style-type: none"> of the current-dependent overload release 	/ A	40
Operating voltage / for main current circuit		
<ul style="list-style-type: none"> at 50 Hz / for AC / maximum 	V	690
<ul style="list-style-type: none"> at 60 Hz / for AC / maximum 	V	690
<ul style="list-style-type: none"> at 50 Hz / for AC / acc. to UL 489 / maximum 	V	600
<ul style="list-style-type: none"> at 60 Hz / for AC / acc. to UL 489 / maximum 	V	600
<ul style="list-style-type: none"> for DC / acc. to UL 489 / maximum 	V	250

Auxiliary circuit:

Number of change-over switches / for auxiliary contact		0
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Short-circuit:

Breaking capacity limit short-circuit current (Icu)		
<ul style="list-style-type: none"> at 415 V / rated value 	kA	70

Installation/mounting/dimensions:

Type of fixing/fixation

fixed mounting

Connections:

Design of the electrical connection

- for main current circuit

box terminals

Arrangement of electrical connectors

- for main current circuit

front side

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Global 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/3VL1704-2EH43-..../all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VL1704-2EH43-....

last change:

Apr 26, 2010