



circuit breaker 3VA2 IEC frame 630 breaking capacity class H $I_{cu}=85\text{kA}$ @ 415V 3-pole, line protection ETU320, LI, $I_n=400\text{A}$ overload protection $I_r=160\text{A}\dots400\text{A}$ short-circuit protection $I_i=1.5\dots12 \times I_n$ nut keeper kit undervoltage release (UVR) 208-230V AC 50/60Hz

Model	
product brand name	SENTRON
product designation	Molded case circuit breaker
Product version	Line protection
design of the overcurrent release	ETU320
protection function of the overcurrent release	LI
number of poles	3
Auxiliary contact version	Without
General technical data	
rated insulation voltage U_i	800 V
power loss [W] / maximum	66 W
Active power loss / for rated value of the current / at AC / in hot operating state / per pole	22 W
mechanical service life (switching cycles) / typical	20 000
Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz	5 000
Electrical endurance (switching cycles) / at AC-1 / at 690 V 50/60 Hz	3 500
Neutral conductors / upgradeable/retrofitable	No
ground-fault monitoring version	Without
product function	
• communication function	No
• other measurement function	No
Net Weight	4,3 kg
Current	
Max. rated operational current of the frame size	630 A
Courant permanent assigné I_n	400 A
short-time withstand current (I_{cw})	
• limited to 1 s	5 kA
operational current	
• at 40 °C	400 A
• at 45 °C	400 A
• at 50 °C	400 A
• at 55 °C	400 A
• at 60 °C	400 A
• at 65 °C	400 A
• at 70 °C	400 A
Switching capacity according to IEC 60947	
switching capacity class of the circuit breaker	H
breaking capacity maximum short-circuit current (I_{cu})	

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[Miscellaneous](#)



EG-Konf.

Declaration of Conformity	Test Certificates	Marine / Shipping			
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[UK Declaration of Conformity](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Miscellaneous](#)



Marine / Shipping	other				
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[CCS / China Classification Society](#)

[Miscellaneous](#)

[Miscellaneous](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA2440-6HL32-0DA0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3VA2440-6HL32-0DA0>

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

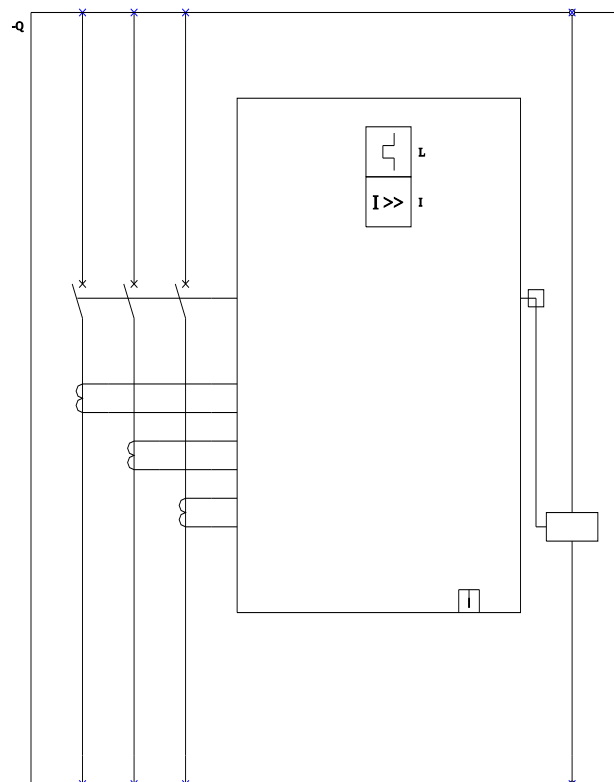
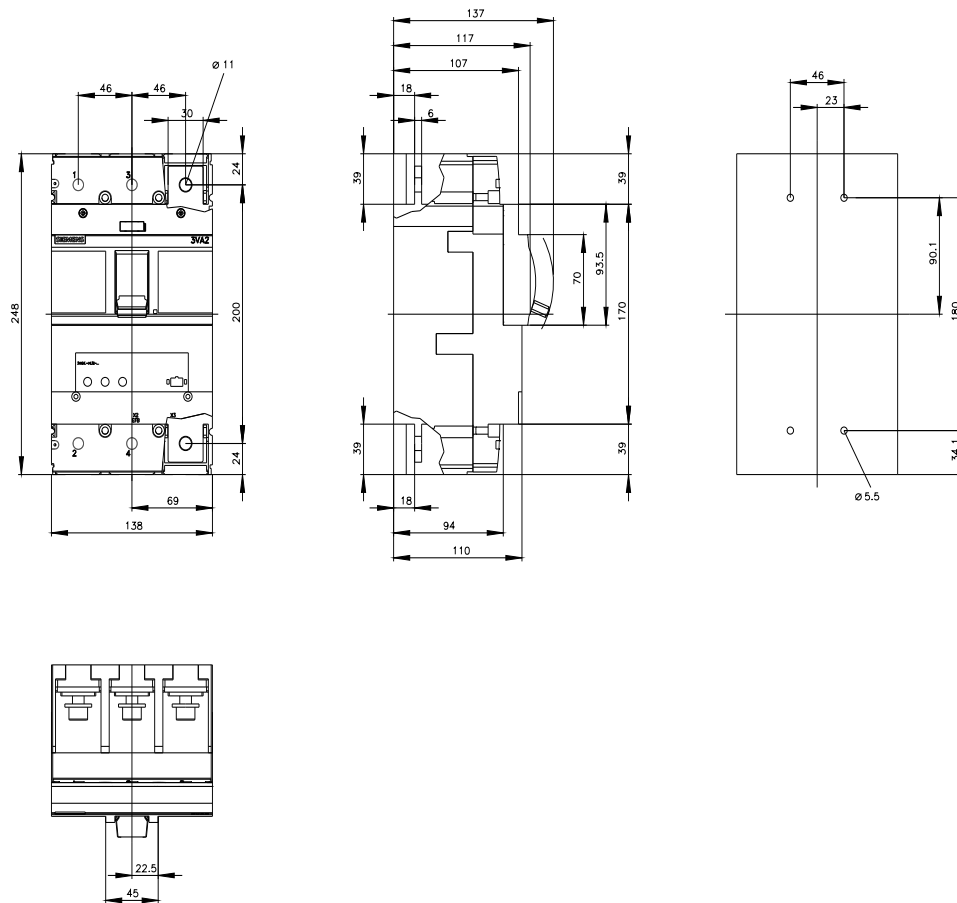
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2440-6HL32-0DA0

CAX-Online-Generator

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

Tender specifications

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



L (Long Time Delay / Überlastschutz); I (Instantaneous / Kurzschlusschutz, unverzögert);

