

CIRCUIT BREAKER 3VA1 IEC FRAME 160 BREAKING CAPACITY CLASS S ICU=36KA @ 415 V 3-POLE, LINE PROTECTION TM240, ATAM, IN=40A OVERLOAD PROTECTION IR=28A ...40A SHORT CIRCUIT PROTECTION II=5...10 X IN BUSBAR CONNECTION

Model	
product brand name	SENTRON
Product designation	Molded case circuit breaker
Design of the product	Line protection
Design of the overcurrent release	TM240
Protective function of the overcurrent release	LI
Number of poles	3
General technical data	
Mechanical service life (switching cycles) / typical	15 000
Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz	8 000
Neutral conductors / upgradeable/retrofitable	No
Ground fault monitoring version	Without
Switching capacity	
Switching capacity class of the circuit breaker	S
Adjustable parameters	
Adjustable response value current / I <sub>g</sub> min.	1
Adjustable response value current / I <sub>g</sub> min.	1
Short-term delayed / tripping switchable / I <sub>2t</sub> =ON/OFF	No
Ground fault protection / tripping switchable / I <sub>2t</sub> =ON/OFF	No
Connections	
Arrangement of electrical connectors / for main current circuit	Front terminal
Type of electrical connection / for main current circuit	lug terminal
Type of connectable conductor cross-section, connection screw, width x thickness , min.	12 x 0
Type of connectable conductor cross-section, connection screw, width x thickness , max.	17 x 6.5
Accessories	
Product extension / optional / motor drive	Yes

## Environmental conditions

Protection class IP / on the front

IP40

## Certificates

### General Product Approval



CCC



VDE



[sonstig](#)

### EMC

[RCM](#)

### Declaration of Conformity



EG-Konf.

### Test Certificates

[Typprüfbescheinigung/Werkszeugnis](#)

[sonstig](#)



ABS



BUREAU  
VERITAS



DNV



GL

### Shipping Approval

### Shipping Approval

### other



LRS



RMRS

[sonstig](#)

## Further information

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

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

### Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA11404EF320AA0>

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

<http://support.automation.siemens.com/WW/view/en/3VA11404EF320AA0/all>

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

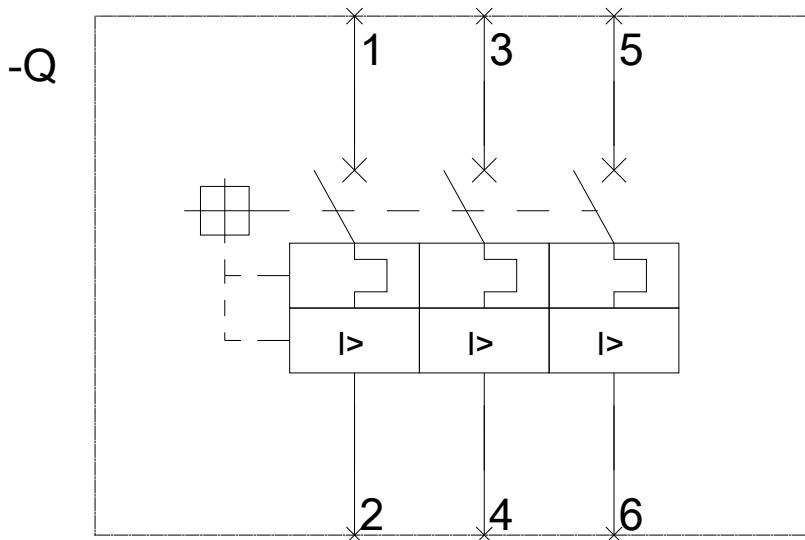
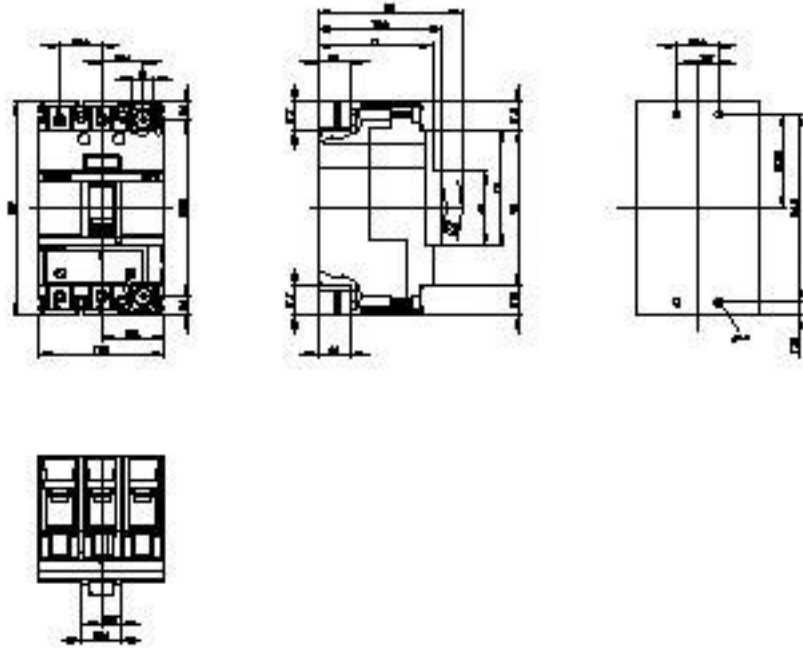
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=3VA11404EF320AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3VA11404EF320AA0)

### CAX-Online-Generator

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

### Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>



**last modified:**

13.04.2016