SIEMENS

Data sheet 3VA1163-3EE42-0AA0



CIRCUIT BREAKER 3VA1 IEC FRAME 160 BREAKING CAPACITY CLASS N ICU=25KA @ 415 V 4-POLE, LINE PROTECTION TM220, ATFM, IN=63A OVERLOAD PROTECTION IR=44,1A ...63A SHORT CIRCUIT PROTECTION II=10 X IN NEUTRAL UNPROTECTED BUSBAR CONNECTION

Model	
product brand name	SENTRON
Product designation	Molded case circuit breaker
Design of the product	Line protection
Design of the overcurrent release	TM220
Protective function of the overcurrent release	LI
Number of poles	4

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/retrofittable	No
Ground fault monitoring version	Without

Switching capacity	
Switching capacity class of the circuit breaker	N

Adjustable parameters	
Adjustable response value current / Ig min.	1
Adjustable response value current / Ig min.	1

Changes preserved
© Copyright Siemens AG

Short-term delayed / tripping switchable / I2t=ON/OFF	No
Ground fault protection / tripping switchable / I2t=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			EMC	Declaration of Conformity	Test Certificates
VDE	EAC	sonstig	RCM	EG-Konf.	Typprüfbescheinigung/Werkszeugnis

Test Certificates	Shipping Approval				
sonstig	ABS	BUREAU VERITAS	DNV	GL	LRS

Shipping Approval	other
RMRS	sonstig

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs

Changes preserved
© Copyright Siemens AG

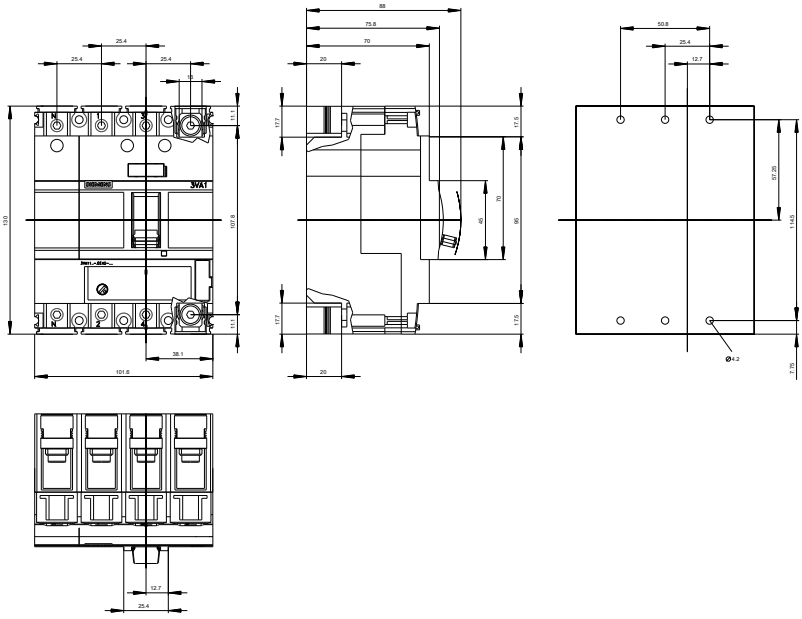
Industry Mall (Online ordering system)
https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA11633EE420AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3VA11633EE420AA0/all

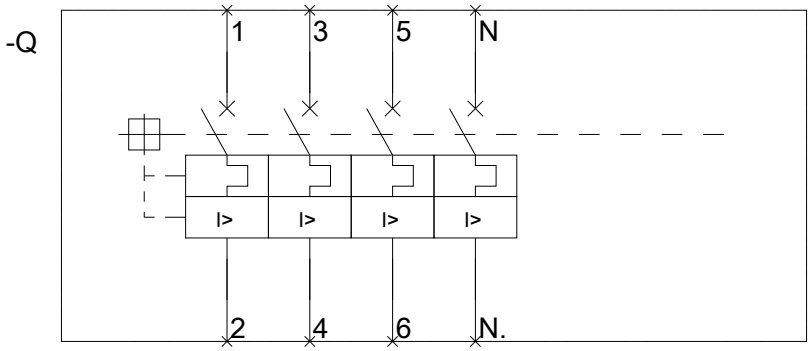
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA11633EE420AA0

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://ausschreibungstexte.siemens.com/tiplv



Changes preserved
© Copyright Siemens AG



Changes preserved
© Copyright Siemens AG

last modified: 21.03.2016

Changes preserved
© Copyright Siemens AG