



1x circuit breaker: 3VA1110-4EE32-0AA0 1x RCD: 3VA9113-0RL21 1x auxiliary switch: 3VA9988-0AA12 1x rotary operator with shaft stub: 3VA9157-0GK00 1x extension shaft 300 mm 8x8 mm: 8UD1900-2WA00 1x adapter 8x8 mm: 8UD1900-2DA00 1x handle with masking plate: 8UD1721-0AB21 2x bus connectors front 3-pole: 3VA9153-0QB00 1x extended terminal cover 4-pole: 3VA9111-0WF40 1x extended terminal cover 3-pole: 3VA9111-0WF30 3x 3kV cables with 6 mm² I = 2 m 3x ring cable lugs M6, 6 mm²

Model	
product brand name	SETRON
product designation	Molded case circuit breaker
design of the product	Line protection
design of the overcurrent release	TM220
protection function of the overcurrent release	LI
number of poles	3
General technical data	
insulation voltage / rated value	800 V
operating voltage / at DC / rated value	500 V
operating voltage / at AC / rated value	690 V
power loss [W] / maximum	28.9 W
mechanical service life (operating cycles) / typical	20 000
electrical endurance (operating cycles) / at AC-1 / at 380/415 V	9 000
electrical endurance (operating cycles) / at AC-1 / at 690 V	6 300
product feature / for neutral conductors / upgradable/retrofitable / short-circuit and overload proof	No
ground-fault monitoring version	Without
product function	
• communication function	No
• other measurement function	No
Net Weight	3.45 kg
Current	
operational current	
• at 40 °C	95 A
• at 45 °C	92 A
• at 50 °C	90 A
• at 55 °C	88 A
• at 60 °C	86 A
• at 65 °C	85 A
• at 70 °C	82 A
Switching capacity according to IEC 60947	
switching capacity class of the circuit breaker	S
maximum short-circuit current breaking capacity (I _{cu})	
• at 240 V	55 kA
• at 415 V	36 kA
• at 440 V	25 kA
• at 500 V	7 kA
• at 690 V	7 kA
operating short-circuit current breaking capacity (I _{cs})	

• at 240 V • at 415 V • at 440 V • at 500 V • at 690 V	55 kA 36 kA 25 kA 5 kA 5 kA
short-circuit current making capacity (Icm) • at 240 V • at 415 V • at 440 V • at 500 V • at 690 V	121 kA 75.6 kA 52.5 kA 11.9 kA 11.9 kA

Adjustable parameters

product function / grounding protection	No
---	----

Mechanical Design

product component	
• undervoltage release • voltage trigger • trip indicator	No No No
height [in]	13.18 in
height	334.2 mm
width [in]	3 in
width	101.6 mm
depth [in]	21.26 in
depth	540 mm

Auxiliary circuit

number of CO contacts / for auxiliary contacts	0
--	---

Accessories

product extension / optional / motor drive	No
manufacturer's article number	
• of the supplied basic switch • of the integrated auxiliary switch/alarm switch	3VA1110-4EE32-0AA0 3VA9988-0AA12

Environmental conditions

protection class IP / on the front	IP40
ambient temperature	
• during operation / minimum • during operation / maximum • during storage / minimum • during storage / maximum	-25 °C 70 °C -25 °C 80 °C

Environmental footprint

global warming potential [CO2 eq] / total	190 kg
global warming potential [CO2 eq] / during manufacturing	4.67 kg
global warming potential [CO2 eq] / during operation	186 kg
global warming potential [CO2 eq] / after end of life	-0.826 kg
reference code / according to IEC 81346-2	Q

Approvals / Certificates

General Product Approval	EMV	Test Certificates
--------------------------	-----	-------------------

[Confirmation](#)

[Miscellaneous](#)



[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

Test Certificates	Marine / Shipping	other
-------------------	-------------------	-------

[Special Test Certificate](#)



[CCS \(China Classification Society\)](#)

[Miscellaneous](#)

[Confirmation](#)

other	Environment
-------	-------------



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3VA1110-4EE32-6AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA1110-4EE32-6AA0>

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

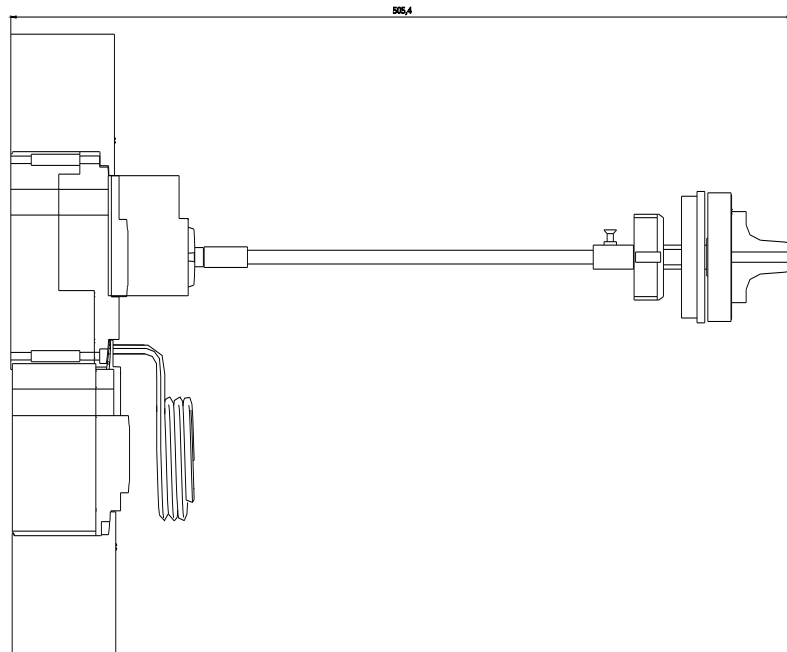
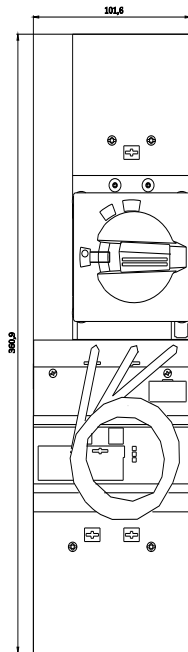
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA1110-4EE32-6AA0

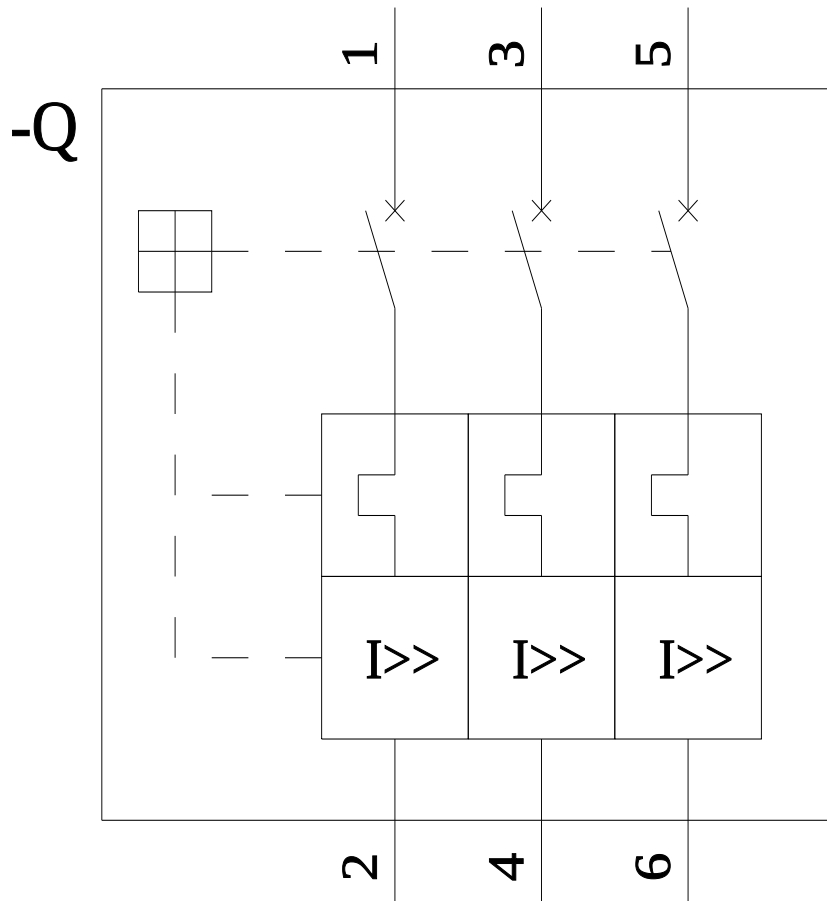
CAx-Online-Generator

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

Tender specifications

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





last modified:

11/13/2024 

