3VA6211-1MS36-0AA0

Data sheet



circuit breaker 3VA6 UL frame 150 3-pole, starter protection ETU310M, I, In=110A without overload protection short-circuit protection li=3...15 x ln cable connection on both sides

Model	
product brand name	SENTRON
product designation	Molded-case circuit breaker
product designation / according to UL file	CFAR
design of the product	Starter protection
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)	Yes
design of the overcurrent release	ETU310M
protection function of the overcurrent release	I
number of poles	3
General technical data	
insulation voltage / rated value	800 V
operating voltage / at AC / rated value	690 V
power loss [W] / maximum	8.1 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	2.7 W
mechanical service life (operating cycles) / typical	25 000
electrical endurance (operating cycles) / at AC-1 / at 380/415 V	12 000
electrical endurance (operating cycles) / at AC-1 / at 690 V	8 400
electrical endurance (operating cycles) / at 480 V	12 000
electrical endurance (operating cycles) / at 600 V	8 400
product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof	No
ground-fault monitoring version	without
product function	
 communication function 	No
other measurement function	No
Net Weight	2.709 kg
Current	
marking / according to UL 489 / 100%-rated breaker	No
operational current	
• at 40 °C	110 A
• at 45 °C	110 A
• at 50 °C	110 A
• at 55 °C	110 A
• at 60 °C	110 A
• at 65 °C	110 A
● at 70 °C	110 A
Switching capacity according to IEC 60947	
maximum short-circuit current breaking capacity (Icu)	
at 240 V	150 kA

• at 415 V	110 kA	
• at 690 V	3.5 kA	
operating short-circuit current breaking capacity (lcs)	0.0 10 1	
• at 240 V	150 kA	
• at 415 V	110 kA	
• at 690 V	3.5 kA	
Adjustable parameters	0.0 KA	
adjustable current response value current / of instantaneous short-circuit trip unit		
• minimum	330 A	
maximum	1 650 A	
product function / grounding protection	No.	
Mechanical Design	INO	_
·		
product component	No	
undervoltage release voltage trigger		
voltage trigger trip indicator	No No	
• trip indicator	7.8 in	
height [in]	198 mm	
height		
width [in]	4.13 in	
type of connectable conductor cross-sections / of the round conductor terminal / stranded	1 x (6 AWG - 350 kcmil)	
width	105 mm	
depth [in]	3.39 in	
depth	86 mm	
Connections		
arrangement of electrical connectors / for main current circuit	Front connection	
type of electrical connection / for main current circuit	circular conductor terminal on both sides	
Auxiliary circuit		
number of CO contacts / for auxiliary contacts	0	
Accessories		
product extension / optional / motor drive	Yes	
Environmental conditions		
protection class IP / on the front	IP40	
ambient temperature		
during operation / minimum	-25 °C	
during operation / maximum	70 °C	
during storage / minimum	-40 °C	
during storage / maximum	80 °C	
Certificates		
reference code / according to IEC 81346-2	Q	
certificate of suitability / as approval for NAVAL (no combat vessels) / supplement SB	Yes	
General Product Approval		Declaration of Conformity
Confirmation	Miscellaneous	1 11/2

Confirmation





Miscellaneous





Declaration of Con-Marine / Shipping other **Dangerous Good** formity





Confirmation

Miscellaneous

Transport Information

Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3VA6211-1MS36-0AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA6211-1MS36-0AA0

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

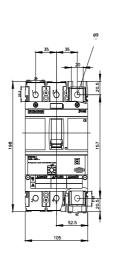
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA6211-1MS36-0AA0

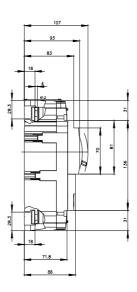
CAx-Online-Generator

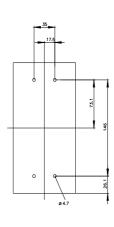
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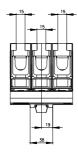
Tender specifications

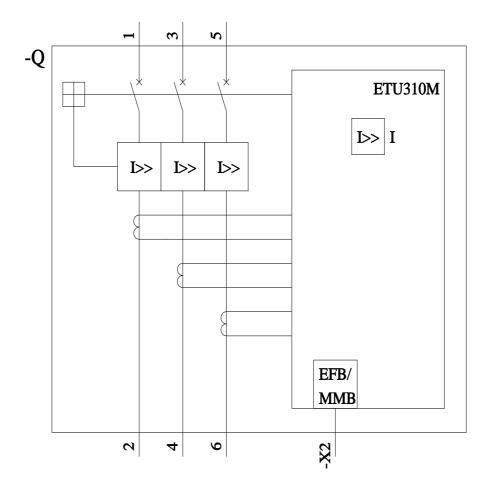
http://www.siemens.com/specifications

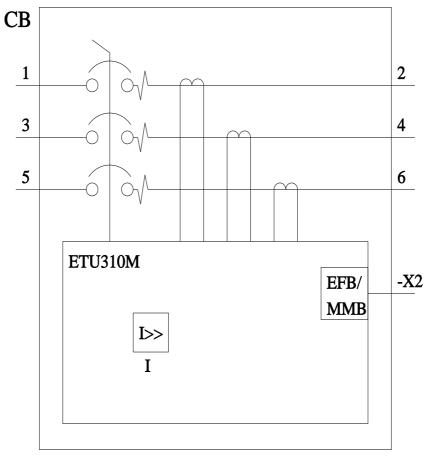












last modified: 8/14/2023 🖸