3VA5135-4ED32-0AA0

Data sheet



circuit breaker 3VA5 UL frame 125 breaking capacity class S 25kA @ 480 V 3-pole, line protection TM210, FTFM, In=35A overload protection Ir=35A fixed short-circuit protection Ii=10 x In nut keeper kit on both sides

Model		
product brand name	SENTRON	
product designation	Molded-case circuit breaker	
product designation / according to UL file	SEAS	
design of the product	System protection	
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)	Yes	
design of the load switch / according to UL 489 / High-Intensity- Discharge circuit breaker (HID Type)	Yes	
design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)	No	
design of the overcurrent release	TM210	
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	11.4 W	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	3.8 W	
mechanical service life (operating cycles) / typical	20 000	
electrical endurance (operating cycles) / at AC-1 / at 380/415 V	8 000	
electrical endurance (operating cycles) / at AC-1 / at 690 V	4 000	
electrical endurance (operating cycles) / at 480 V	8 000	
electrical endurance (operating cycles) / at 600 V	4 000	
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	1.034 kg	
Current		
marking / according to UL 489 / 100%-rated breaker	No	
operational current		
• at 40 °C	35 A	
• at 45 °C	34 A	
• at 50 °C	34 A	
● at 55 °C	33 A	
• at 60 °C	33 A	
● at 65 °C	32 A	

Settlemps capacity according to ISC 66947 avticiting capacity according to ISC 66947 avticiting capacity according to ISC 66947 at 240 V at 240 V at 455 V at 660 V perating short-circuit current breaking capacity (los) at 1240 V at 145 V at 660 V at 145 V	• at 70 °C	32 A
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e at 244 V e at 415 V 75.6 kA	● at 690 V	5 kA
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terminal connection / maximum Auxiliary circuit number of CO contacts / for auxiliary contacts 0	terminal connection / minimum	
number of CO contacts / for auxiliary contacts 0	terminal connection / maximum	
	Auxiliary circuit	
Accessories	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		
General Product Approval		EMC	Test Certificates



Confirmation

Miscellaneous





Special Test Certificate

Test Certificates

Marine / Shipping

other

Type Test Certificates/Test Report



Confirmation

Miscellaneous

Further 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=3VA5135-4ED32-0AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA5135-4ED32-0AA0

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

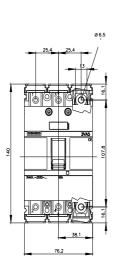
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA5135-4ED32-0AA0

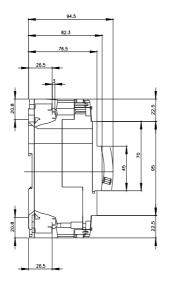
CAx-Online-Generator

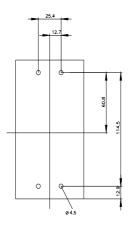
http://www.siemens.com/cax

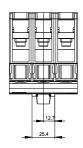
Tender specifications

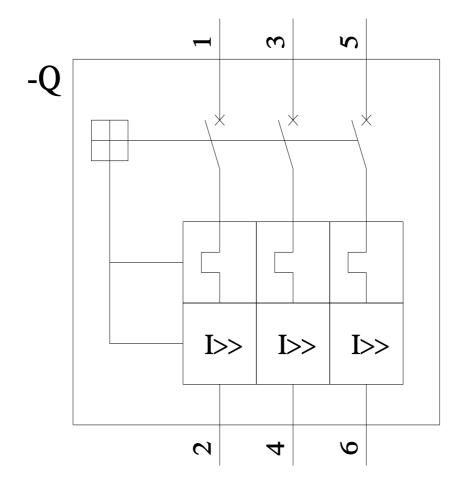
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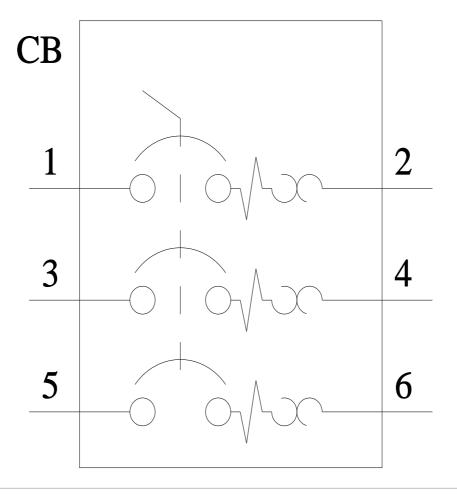












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