3VA5170-6EC41-0AA0

Data sheet



circuit breaker 3VA5 UL frame 125 breaking capacity class H 65kA @ 480V 4-pole, line protection TM230, FTAM, In=70A overload protection Ir=70A fixed short-circuit protection Ii=5...10 x In N conductor unprotected without connection

Model		
product brand name	SENTRON	
product designation	Molded-case circuit breaker	
product designation / according to UL file	HEAS	
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)	No	
design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)	No	
design of the overcurrent release	TM230	
protection function of the overcurrent release	Ц	
number of poles	4	
General technical data		
insulation voltage / rated value	800 V	
operating voltage / at DC / rated value	600 V	
operating voltage / at AC / rated value	690 V	
power loss [W] / maximum	18.3 W	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	6.1 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	952 g	
Current		
marking / according to UL 489 / 100%-rated breaker	No	
operational current		
• at 40 °C	70 A	
• at 45 °C	69 A	
• at 50 °C	68 A	
• at 55 °C	67 A	
• at 60 °C	66 A	
● at 65 °C	65 A	

Switching capacity according to IEC 60947 switching capacity class of the circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 415 V • at 690 V 150 kA operating short-circuit current breaking capacity (Ics) • at 240 V • at 415 V • at 690 V 5 kA short-circuit current making capacity (Icm) • at 240 V • at 690 V 5 kA short-circuit current making capacity (Icm) • at 240 V • at 690 V 5 kA	• at 70 °C	64 A
evel-tring capacity class of the circuit breaking capacity (icu) • all 240 V • all 415 V • all 415 V • at 800 V • at 415 V • at 800 V • at 415 V • at 415 V • at 800 V • at 415		
maximum short circuit current breaking capacity (keu) • 24 24 0 V • at 415 V operating short-circuit current breaking capacity (ics) • at 240 V • at 415 V • at 800 V • at 400 V • at 415 V • at 800 V • at 400 V • at 800 V •		Н
e at 240 V 10 kA 15 V 10 kA 16 V 10 V 10 kA 16 V 10 kA 16 V 10 V 10		
at 415 V at 690 V perating short-circuit current breaking capacity (lcs) at 415 V at 415 V at 415 V at 415 V at 6150 V 5 KA short-circuit current making capacity (lcm) at 240 V at 415 V at 6150 V 330 VA at 415 V at 150 V 77 KA design of short-circuit protection For switching power values in DC networks, see the 3VA molded case circuit breaker device manual; link to be found under Service & Support in the last chapter Switching capacity according to UL 489 current breaking capacity at 480 V at 480 V at 480 V at 600 V/547 V 25 KA Adjustable response value setting current (ir) / of the L-trip / with 2t characteristic. a maximum adjustable parameters adjustable parameters adjustable parameters and substable parameters and substable parameters and substable parameters and substable response value delay time (tr) / for L-tripping / with 12t characteristic. a minimum adjustable current response value current (iii) / for I-tripping and minimum adjustable current response value current / of the current-dependent overload relicace maximum adjustable current response value current / of the current-dependent overload relicace maximum adjustable current response value current / of the current-dependent overload relicace maximum adjustable current response value current / of the current-dependent overload relicace maximum adjustable current response value current / of the current-dependent overload relicace non-dependent overload relicace voltage trigger vo		150 kA
operating short-circuit current breaking capacity (tes) at 240 V at 450 V at 550 KA before switching power values in DC networks, see the 3VA molded case circuit brother companies of secretary and seemed of severe manual, link to be found under Service & Support in the fast chapter switching capacity according to UL 459 current breaking capacity at 450 V a		70 kA
operating short-circuit current breaking capacity (ics) at 240 V at 415 V at 680 V 5 kA 6 at 415 V at 240 V 5 kA 6 at 415 V at 399 V 70 kA 5 kA 6 at 415 V at 399 V 70 kA 6 at 415 V at 399 V 70 kA 6 si kA 5 kA 6 si kA 70 k		
e at 240 V e at 415 V 5 kA short-circuit current making capacity (tem) e at 240 V e at 415 V 5 kA short-circuit current making capacity (tem) e at 240 V e at 159 V 5 kA 154 kA 157 kA 158 kA 178 kA 1		
a to 4890 V short-circuit current making capacity (tem) at 240 V at 415 V 5 4 KA 154 KA 154 KA 154 KA 154 KA 155 KA design of short-circuit protection breaker device manual; link to be found under Service & Support in the last chapter Switching capacity according to UL 489 current breaking capacity at 240 V 5 KA 4 480 V 5 KA 25 KA 4 at 800 V 73/7 V 25 KA 4 at 800 V 73/7 V 5 KA 4 at 800 V 73/7 V 7 A at 600 V73/7 V 7 A distable prameters adjustable response value setting current (ir/) of the L-trip / with 12 characteristic minimum 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S		150 kA
short-circuit current making capacity (tern) at 240 V at 415 V at 800 V design of short-circuit protection design of short-circuit protection For switching power values in DC networks, see the 3VA molded case circuit breaker device manual; link to be found under Service & Support in the last chapter Switching capacity according to UL 489 current breaking capacity at 240 V at 800 V; 47	● at 415 V	70 kA
at 240 V at 150 V total 150 V	• at 690 V	5 kA
e at 415 V design of short-circuit protection for switching power values in DC networks, see the 3VA molded case circuit breater device manual; link to be found under Service & Support in the last chapter Switching capacity according to UL 439 current breaking capacity	short-circuit current making capacity (Icm)	
e at 690 V design of short-circuit protection be reswitching power values in DC networks, see the 3VA moded case circuit breaker device manual; link to be found under Service & Support in the last chapter Switching capacity according to UL 489 current breaking capacity e at 240 V e at 480 V e at 480 V Adjustable parameters adjustable response value setting current (ir) / of the L-trip / with 12t characteristic minimum maximum maximum 1 s adjustable response value delay time (tr) / for L-tripping / with 12t characteristic minimum maximum 1 s adjustable response value setting current (iii) / for I-tripping minimum maximum 1 s adjustable response value setting current (iii) / for I-tripping minimum maximum 0 A 700 A 400 A 4	• at 240 V	330 kA
Switching capacity according to UL 489	• at 415 V	154 kA
breaker device manual; link to be found under Service & Support in the last chapter Current breaking capacity	• at 690 V	17 kA
current breaking capacity at 240 V at 480 V at 480 V at 480 V at 1600 Y/347 V Adjustable parameters adjustable response value setting current (ir) / of the L-trip / with 12t characteristic minimum 70 A dautable response value delay time (tr) / for L-tripping / with 12t characteristic minimum 1 s maximum 1 s minimum 500 A maximum 1 s adjustable response value delay time (tr) / for I-tripping / with 12t characteristic minimum 70 A dautable response value delay time (tr) / for I-tripping / with 12t characteristic minimum 70 A dautable response value setting current (ii) / for I-tripping minimum 70 A dautable setting current (iii) / for I-tripping minimum 70 A dautable current response value current / of the current dependent overload release design of the N-conductor protection Without product function / grounding protection No Mochanical Design product component undervoltage release votage trigger No votage trigger	design of short-circuit protection	For switching power values in DC networks, see the 3VA molded case circuit
Current breaking capacity at 240 V at 480 V at 480 V at 680 KA at 680 Y/347 V Adjustable parameters adjustable response value setting current (ir) / of the L-trip / with 12t characterists or maximum maximum maximum 1 s maximum 1 s maximum 1 s maximum 380 A maximum 380 A maximum 380 A maximum 0 A dijustable setting current (ili) / for I-tripping / with 12t characteristic minimum maximum 1 s maximum 0 A maximum 70 A dijustable setting current (ili) / for I-tripping / with 12t characteristic minimum minimum 0 A maximum 700 A dijustable setting current (ini) / for N-tripping minimum 0 A maximum 0 A dijustable setting current (ini) / for N-tripping minimum More maximum 0 A dijustable current response value current / of the current dependent overload release design of the N-conductor protection Without product function of grounding protection No Mochanical Dosign product component undervoltage release voltage trigger No trip indicator No No height [in] 5.51 in height [in] 4 in width [in]	·	breaker device manual; link to be found under Service & Support in the last
current breaking capacity at 1240 V at 1480 V at 1600 Y/347 V Adjustable parameters adjustable response value setting current (ir) / of the L-trip / with l2t characteristic minimum 70 A adjustable response value delay time (tr) / for L-tripping / with l2t characteristic minimum 1 s maximum 1 s maximum 350 A maximum 350 A maximum 30ustable response value setting current (iii) / for I-tripping minimum maximum 0 A dujustable response value setting current (iii) / for I-tripping minimum 0 A maximum 0 A dujustable setting current (inn) / for N-tripping minimum 0 A dujustable setting current (inn) / for N-tripping winimum 0 A dujustable setting current (inn) / for N-tripping minimum 0 A dujustable current response value current / of the current-dependent overtoad release winimum No Maximum No Maximum No Mochanical Doslign product function / grounding protection Mochanical Doslign product component undervoltage release voltage trigger No voltage trigger No voltage trigger No height [in] 4 in width 101.6 mm depht Gepth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without Auxillary circuit number of CO contacts / for main current circuit Without Auxillary circuit number of CO contacts / for main current circuit Auxillary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes	Switching consolty according to III 400	спариег
at 1240 V at 800 V;347 V 25 kA Adjustable response value setting current (Ir) / of the L-trip / with I2t characteristic minimum maximum maxi	-	
at 480 V 25 kA Adjustable response value setting current (ir) / of the L-trip / with 12 characteristic minimum 70 A adjustable response value delay time (tr) / for L-tripping / with 12 characteristic minimum 15 A adjustable response value delay time (tr) / for L-tripping / with 12 characteristic minimum 15 A maximum 15 A adjustable response value setting current (iii) / for I-tripping minimum 350 A maximum 350 A maximum 0 A maximum 0 A adjustable setting current (inn) / for N-tripping minimum 0 A maximum 0 A adjustable current response value current / of the current-dependent overload release design of the N-conductor protection Without product function / grounding protection No Mechanical Design product component undervoltage release No voltage trigger No height 140 mm width [in] 4 in width [in] 4 in width 101.6 mm depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Yes		150 kA
adjustable response value setting current (ir) / of the L-trip / with 12t characteristic minimum 70 A adjustable response value delay time (tr) / for L-tripping / with 12t characteristic minimum 70 A adjustable response value delay time (tr) / for L-tripping / with 12t characteristic minimum 1 s maximum 1 s adjustable response value setting current (iii) / for I-tripping minimum 350 A maximum 350 A maximum 0 A adjustable setting current (lnN) / for N-tripping minimum 0 A adjustable setting current (lnN) / for N-tripping minimum 0 A maximum 0 A adjustable current response value current / of the current-dependent overload release design of the N-conductor protection Without product function / grounding protection No Mechanical Dasign product component undervoltage release No voltage tripper No voltage tripper No voltage tripper No height [in] 4 in width 101.6 mm depth [in] 4 in width 101.6 mm depth [in] 30.1 in depth Connections arrangement of electrical connectors / for main current circuit Without Auxillary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Yes		
Adjustable personned value setting current (ir) / of the L-trip / with Izl characteristic • minimum • minimum adjustable response value delay time (tr) / for L-tripping / with Izl characteristic • minimum adjustable response value delay time (tr) / for L-tripping / with Izl characteristic • minimum in s • maximum 1 s adjustable response value setting current (il) / for I-tripping • minimum • minimum • maximum 700 A adjustable setting current (inN) / for N-tripping • minimum • maximum 0 A adjustable setting current (inN) / for N-tripping • minimum • maximum 0 A dalystable current response value current / of the current-dependent overload release design of the N-conductor protection Without product function / grounding protection Without product function / grounding protection No Mode-hanical Dassign product component • undervoltage release • voltage trigger • trip indicator No height [in] 4 in width 101.6 mm depth [in] depth		
adjustable response value setting current (ir) / of the L-trip / with 12 characteristic • ininimum • maximum adjustable response value delay time (tr) / for L-tripping / with 12 characteristic • ininimum • maximum 1 s adjustable response value setting current (ii) / for I-tripping • ininimum • maximum adjustable setting current (inN) / for N-tripping • ininimum • maximum adjustable setting current (inN) / for N-tripping • minimum • maximum 0 A adjustable setting current (inN) / for N-tripping • minimum 0 A • maximum 0 A • maximum 0 A • maximum 0 NA • maximum 0 NA • maximum 0 NA • without product function / grounding protection Without product function / grounding protection No Mechanical Design product component • undervoltage release • voltage trigger • inip indicator No height [in] 4 in width [in] width [in] 4 in width [in] width [in		20 NA
22 characteristic	-	
maximum adjustable response value delay time (tr) / for L-tripping / with 12t characteristic minimum maximum madjustable response value setting current (ii) / for I-tripping minimum minimum maximum		
adjustable response value delay time (tr) / for L-tripping / with 12t characteristic • minimum • maximum 1 s • maximum 1 s adjustable response value setting current (ii) / for I-tripping • minimum • maximum 700 A adjustable setting current (inN) / for N-tripping • minimum • maximum 0 A • maximum 0 A adjustable current response value current / of the current-dependent overload release design of the N-conductor protection product function / grounding protection Mechanical Design product component • undervoltage release • voltage trigger • irip indicator height [in] height [in] width 101.6 mm depth [in] depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connectors / for main current circuit type of electrical connectors / for auxiliary contacts Product extension / optional / motor drive Yes	• minimum	70 A
characteristic • minimum • maximum adjustable response value setting current (II) / for I-tripping • minimum • maximum adjustable setting current (InN) / for N-tripping • minimum • maximum • no A adjustable current response value current / of the current-dependent overload release design of the N-conductor protection product function / grounding protection Without product component • undervoltage release • voltage trigger • trip indicator No height [in] • deith • deith • deith • 101.6 mm depth • 78.5 mm Connections arrangement of electrical connectors / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Yes	• maximum	70 A
maximum adjustable response value setting current (li) / for I-tripping minimum maximum adjustable setting current (lnN) / for N-tripping minimum maximum adjustable setting current (lnN) / for N-tripping minimum maximum m		
adjustable response value setting current (lii / for I-tripping	• minimum	1 s
minimum maximum minimum minim	• maximum	1 s
maximum adjustable setting current (InN) / for N-tripping minimum O A maximum O A adjustable current response value current / of the current-dependent overload release design of the N-conductor protection product function / grounding protection Without product component undervoltage release voltage trigger voltage trigger No height [in] height 140 mm width [in] 4 in width 101.6 mm depth [in] depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connector / for main current circuit Auxiliary circuit number of CO contacts / for auxiliary contacts Product extension / optional / motor drive Yes	adjustable response value setting current (li) / for I-tripping	
adjustable setting current (InN) / for N-tripping • minimum • maximum adjustable current response value current / of the current-dependent overload release design of the N-conductor protection product function / grounding protection Mochanical Design product component • undervoltage release • voltage trigger • trip indicator height [in] height 140 mm width [in] width depth fin] depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connector / for main current circuit No Accessories product extension / optional / motor drive Yes	• minimum	350 A
minimum maximum maxim	maximum	700 A
maximum adjustable current response value current / of the current-dependent overload release design of the N-conductor protection product function / grounding protection No Mechanical Design product component undervoltage release voltage trigger voltage trigger voltage frigger v	adjustable setting current (InN) / for N-tripping	
adjustable current response value current / of the current- dependent overload release design of the N-conductor protection Without product function / grounding protection No Mechanical Design product component • undervoltage release No • voltage trigger No • trip indicator No height [in] 5.51 in height 140 mm width [in] 4 in width 101.6 mm depth 101.6 mm depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Yes	• minimum	0 A
design of the N-conductor protection Without product function / grounding protection No Mechanical Design product component • undervoltage release No • trip indicator No height [in] 5.51 in height 140 mm width [in] 4 in width 101.6 mm depth [in] 3.01 in depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit without Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes	• maximum	0 A
product function / grounding protection Mechanical Design product component • undervoltage release • voltage trigger • trip indicator height [in] height width [in] width [in] depth 101.6 mm depth [in] depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive No		70 70 A
Product component • undervoltage release • voltage trigger • trip indicator height [in] beight width [in] width 140 mm width [in] 4 in width 101.6 mm depth [in] 3.01 in depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit No Accessories product extension / optional / motor drive No No No No No No No No No N		Without
product component • undervoltage release • voltage trigger • trip indicator height [in] height 140 mm width [in] 4 in width depth [in] depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes	product function / grounding protection	No
 undervoltage release voltage trigger trip indicator No height [in] beight width [in] 4 in width depth [in] 3.01 in depth [in] depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes 	Mechanical Design	
voltage trigger	product component	
 trip indicator height [in] 5.51 in height 140 mm width [in] 4 in width 101.6 mm depth [in] depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes 	undervoltage release	No
height [in] height 140 mm width [in] 4 in width 101.6 mm depth [in] 3.01 in depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without connection type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Yes	voltage trigger	No
height 140 mm width [in] 4 in width 101.6 mm depth [in] 3.01 in depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without connection type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes	• trip indicator	
width [in] 4 in width [in] 101.6 mm depth [in] 3.01 in depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without connection type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Yes	height [in]	5.51 in
width 101.6 mm depth [in] 3.01 in depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without connection type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes	-	
depth [in] 3.01 in depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without connection type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes	width [in]	4 in
depth 76.5 mm Connections arrangement of electrical connectors / for main current circuit Without connection type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes	width	
arrangement of electrical connectors / for main current circuit Without connection type of electrical connection / for main current circuit Without Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Yes	depth [in]	3.01 in
arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Without O Yes		76.5 mm
type of electrical connection / for main current circuit Auxiliary circuit number of CO contacts / for auxiliary contacts O Accessories product extension / optional / motor drive Yes	Connections	
Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Yes	arrangement of electrical connectors / for main current circuit	Without connection
number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes		Without
Accessories product extension / optional / motor drive Yes		
product extension / optional / motor drive Yes	·	0
	Accessories	
Environmental conditions		Yes
	Environmental conditions	
protection class IP / on the front IP40	protection class IP / on the front	IP40

ambient temperature

• during operation / minimum

• during operation / maximum

70 °C

• during storage / minimum

• during storage / maximum

80 °C

Certificates

reference code / according to IEC 81346-2

Q

General Product Approval

Confirmation









Miscellaneous

General Product Approval

EMC

Declaration of Conformity

Test Certificates









Type Test Certificates/Test Report

Special Test Certificate

Marine / Shipping

other





Confirmation

Miscellaneous

Miscellaneous

Further information

Siemens has decided to exit the Russian market (see here).

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

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=3VA5170-6EC41-0AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA5170-6EC41-0AA0

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

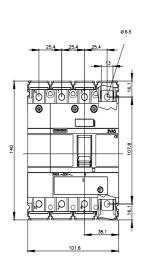
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA5170-6EC41-0AA0

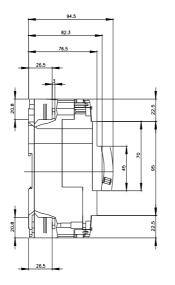
CAx-Online-Generator

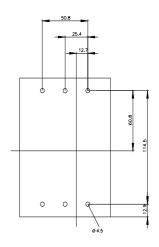
http://www.siemens.com/cax

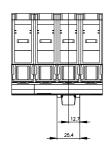
Tender specifications

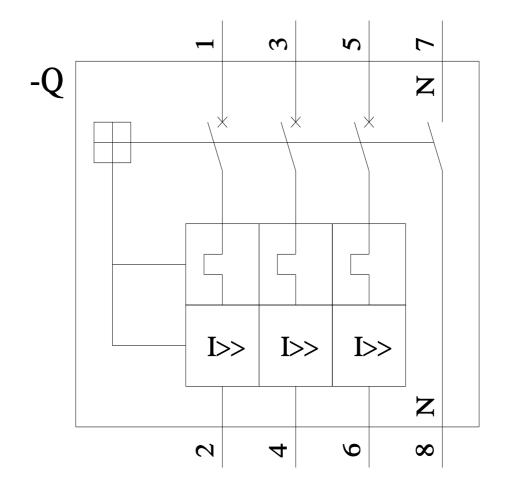
http://www.siemens.com/specifications

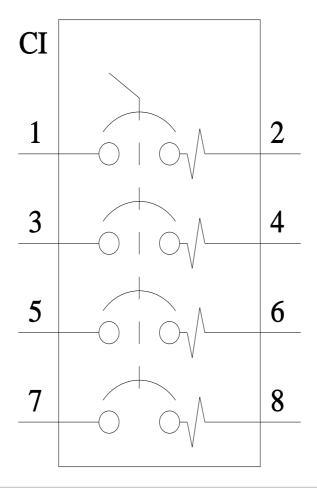












last modified: 8/15/2023 🖸

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

3VA51706EC410AA0