# **SIEMENS**

#### **Data sheet**

### 3VA5170-6ED11-1AA0



circuit breaker 3VA5 UL frame 125 breaking capacity class H 50kA @ 277V 1-pole, line protection TM210, FTFM, In=70A overload protection Ir=70A fixed short-circuit protection Ii=10 x In UL 489 SB (naval),  $50^\circ$  C without connection

product designation   Molded-case circuit breaker   Product designation / according to UL file   HSEAM   HSEAM	Model	
product designation / according to UL file	product brand name	SENTRON
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)  design of the load switch / according to UL 489 / High-Intensity- Discharge circuit breaker (HD Type)  design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)  design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)  design of the overcurrent release  TM210  protection function of the overcurrent release  I unumber of poles  1  Ceneral technical data  operating voltage / at AC / rated value  operating state / per pole  mechanical service life (operating cycles) / at AC-1 / at 380/415 V  electrical endurance (operating cycles) / at AC-1 / at 690 V  electrical endurance (operating cycles) / at AC-1 / at 690 V  electrical endurance (operating cycles) / at AC-1 / at 690 V  operating voltage / at 60 V  operating vol	product designation	Molded-case circuit breaker
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circulat breaker (HACR Type) design of the load switch / according to UL 489 / High-Intensity-Discharge circuit breaker (HID Type) design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type) design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type) design of the overcurrent release TM20 protection function of the overcurrent release ILI number of poles 1  Ceneral technical data operating voltage / at AC / rated value power loss [W] / maximum 6.1 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole mechanical service life (operating cycles) / typical electrical endurance (operating cycles) / at AC-1 / at 690 V electrical endurance (operating cycles) / at 480 V ele	product designation / according to UL file	H5EAM
Conditioning, and Refrigeration circuit breaker (HACR Type) design of the load switch / according to UL 489 / High-Intensity- bischarge circuit breaker (HND Type)  design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)  design of the overcurrent release  TM210  protection function of the overcurrent release  LI number of poles  Ceneral technical data  operating voltage / at AC / rated value  operating voltage / at AC / rated value  operating voltage / at AC / rated value  operating to yoltage / at AC / rated value  operating state / per pole  mechanical service life (operating cycles) / typical electrical endurance (operating cycles) / typical electrical endurance (operating cycles) / at AC-1 / at 380/415 V  electrical endurance (operating cycles) / at AC-1 / at 680 V  electrical endurance (operating cycles) / at 80 V  elect	design of the product	System protection
Discharge circuit breaker (HID Type)  design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)  design of the overcurrent release		Yes
design of the overcurrent release TM210 protection function of the overcurrent release LI number of poles 1  Ceneral technical data  operating voltage / at AC / rated value 415 V power loss [W] / maximum 6.1 W power loss [W] / for rated value of the current / at AC / in hot operating state / per pole mechanical service life (operating cycles) / typical 20 000 electrical endurance (operating cycles) / ta AC-1 / at 380/415 V 8 000 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 AC-1 / at 690 V 4 000 electrical endurance (operating cycles) / at 800 V 4 000 product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof ground-fault monitoring version without product function No Net Weight 0.38 kg  Current marking / according to UL 489 / 100%-rated breaker No operational current  • at 40 °C 70 A • at 50 °C 69 A • at 50 °C 69 A • at 50 °C 66 A • at 60 °C 66 A • at 60 °C 66 A • at 60 °C 66 A		No
protection function of the overcurrent release		No
Number of poles   1	design of the overcurrent release	TM210
Ceneral technical data	protection function of the overcurrent release	Ц
Operating voltage / at AC / rated value	number of poles	1
power loss [W] / maximum	General technical data	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole  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 ground-fault monitoring version without product function  • communication function No  • other measurement function No Net Weight 0.38 kg  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	operating voltage / at AC / rated value	415 V
operating state / per pole 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 600 V 4 000 electrical endurance (operating cycles) / at 600 V 4 000 product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof ground-fault monitoring version without product function No	power loss [W] / maximum	6.1 W
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 ground-fault monitoring version without product function  • communication function • other measurement function No Net Weight  Current  marking / according to UL 489 / 100%-rated breaker operational current • at 40 °C • at 45 °C • at 45 °C • at 55 °C • at 60 °C • at 66 A • at 65 °C • at 65 °C		6.1 W
electrical endurance (operating cycles) / at AC-1 / at 690 V electrical endurance (operating cycles) / at 480 V electrical endurance (operating cycles) / at 480 V electrical endurance (operating cycles) / at 600 V product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof ground-fault monitoring version  vithout product function  other measurement function No Net Weight  Current  marking / according to UL 489 / 100%-rated breaker operational current  at 40 °C at 45 °C at 45 °C 69 A at 55 °C 67 A at 60 °C at 66 A at 65 °C 65 A	mechanical service life (operating cycles) / typical	20 000
electrical endurance (operating cycles) / at 480 V electrical endurance (operating cycles) / at 600 V  product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof  ground-fault monitoring version  product function  communication function  nother measurement function  Nothet Weight  Current  marking / according to UL 489 / 100%-rated breaker  at 40 °C  at 45 °C  at 45 °C  at 45 °C  at 65 °C  66 A  at 65 °C  65 A	electrical endurance (operating cycles) / at AC-1 / at 380/415 V	8 000
electrical endurance (operating cycles) / at 600 V  product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof  ground-fault monitoring version  product function  communication function  other measurement function  No  Net Weight  Current  marking / according to UL 489 / 100%-rated breaker  operational current  at 40 °C  at 45 °C  at 45 °C  at 55 °C  at 66 A  at 60 °C  at 66 °C  at 65 °C  do 00  A 000  without  No  No  No  No  No  A 000  without  mithout  No  No  No  A 000  Mithout  Mithout  No  No  A 000  Mithout  Mithout  No  No  A 000  Mithout  No  No  A 000  A 000	electrical endurance (operating cycles) / at AC-1 / at 690 V	4 000
product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof  ground-fault monitoring version without  product function  • communication function No  • other measurement function No  Net Weight 0.38 kg  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	electrical endurance (operating cycles) / at 480 V	8 000
// short-circuit and overload proof ground-fault monitoring version without  product function	electrical endurance (operating cycles) / at 600 V	4 000
product function		No
<ul> <li>● communication function</li> <li>No</li> <li>Nother measurement function</li> <li>No</li> <li>Net Weight</li> <li>0.38 kg</li> <li>Current</li> <li>marking / according to UL 489 / 100%-rated breaker</li> <li>No</li> <li>operational current</li> <li>at 40 °C</li> <li>at 45 °C</li> <li>at 45 °C</li> <li>at 50 °C</li> <li>at 55 °C</li> <li>at 60 °C</li> <li>at 60 °C</li> <li>at 65 °C</li> <li>65 A</li> </ul>	ground-fault monitoring version	without
● other measurement function  No  Net Weight  0.38 kg  Current  marking / according to UL 489 / 100%-rated breaker  operational current  ● at 40 °C  ● at 45 °C  ● at 50 °C  ● at 55 °C  ● at 60 °C  ● at 65 °C  ● 65 A	product function	
Net Weight       0.38 kg         Current         marking / according to UL 489 / 100%-rated breaker       No         operational current       70 A         • at 40 °C       69 A         • at 50 °C       68 A         • at 55 °C       67 A         • at 60 °C       66 A         • at 65 °C       65 A	<ul> <li>communication function</li> </ul>	No
Current           marking / according to UL 489 / 100%-rated breaker         No           operational current         70 A           • at 40 °C         69 A           • at 50 °C         68 A           • at 55 °C         67 A           • at 60 °C         66 A           • at 65 °C         65 A	other measurement function	No
marking / according to UL 489 / 100%-rated breaker       No         operational current       70 A         • 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	Net Weight	0.38 kg
operational current  • at 40 °C  • at 45 °C  • at 50 °C  • at 55 °C  • at 60 °C  • at 65 °C  • 65 A	Current	
<ul> <li>at 40 °C</li> <li>at 45 °C</li> <li>at 50 °C</li> <li>68 A</li> <li>at 55 °C</li> <li>67 A</li> <li>at 60 °C</li> <li>66 A</li> <li>at 65 °C</li> <li>65 A</li> </ul>	marking / according to UL 489 / 100%-rated breaker	No
<ul> <li>at 45 °C</li> <li>at 50 °C</li> <li>68 A</li> <li>at 55 °C</li> <li>67 A</li> <li>at 60 °C</li> <li>66 A</li> <li>at 65 °C</li> <li>65 A</li> </ul>	operational current	
<ul> <li>at 50 °C</li> <li>at 55 °C</li> <li>68 A</li> <li>67 A</li> <li>at 60 °C</li> <li>at 65 °C</li> <li>66 A</li> <li>65 A</li> </ul>	• at 40 °C	70 A
• at 55 °C 67 A • at 60 °C 66 A • at 65 °C 65 A	• at 45 °C	69 A
• at 60 °C 66 A • at 65 °C 65 A	• at 50 °C	68 A
• at 65 °C 65 A	• at 55 °C	67 A
	• at 60 °C	66 A
• at 70 °C 64 A	• at 65 °C	65 A
	• at 70 °C	64 A

For switching power values in IDC networks, see the 3VA moided case circumpter	switching capacity class of the circuit breaker	Н
current breaking capacity  at 120 V  at 347 V  at 347 V  billiance  dijustable response value setting current (ir/ ) of the L-trip / with 120 characteristic  minimum  maximum  minimum  maximum  minimum  minimum	design of short-circuit protection	
• at 120 V	witching capacity according to UL 489	
• at 277 V  distaffor parameters  adjustable response value setting current (ir) / of the L-trip / with Izt characteristic  • minimum  adjustable response value delay time (ir) / for L-tripping / with Izt characteristic  • minimum  • maximum  adjustable response value delay time (ir) / for L-tripping / with Izt characteristic  • minimum  • maximum  • maximum  adjustable setting current (iii) / for I-tripping / with Izt characteristic  • minimum  • maximum  • naximum  •	current breaking capacity	
* al 347 V   * al 8 kA	• at 120 V	100 kA
Adjustable parameters  adjustable response value setting current (ir) / of the L-trip / with 12 characteristic  e (ininimum	• at 277 V	50 kA
adjustable response value setting current (Ir) / of the L-trip / with 12t characteristic  • minimum • maximum adjustable response value delay time (tr) / for L-tripping / with 12t characteristic • minimum • maximum 1 s • maximum • minimum • during operation / minimum • during operation / maximum  * during operation / maximum  * during operation / maximum  * during storage / minimum • during storage / minimum	● at 347 V	18 kA
adjustable response value setting current (Ir) / of the L-tirp / with 12t characteristic  • minimum • maximum • maximum • maximum • minimum • during operation / minimum • during storage / minimum • during stor	djustable parameters	
maximum adjustable response value delay time (tr) / for L-tripping / with 12t characteristic e minimum	adjustable response value setting current (Ir) / of the L-trip / with	
adjustable response value delay time (tr) / for L-tripping / with 12t characteristic	• minimum	70 A
characteristic  • minimum	• maximum	70 A
adjustable response value setting current (ii) / for I-tripping		
adjustable response value setting current (ii) / for I-tripping	• minimum	1 s
• minimum • maximum	• maximum	1s
maximum adjustable setting current (InN) / for N-tripping   minimum	adjustable response value setting current (li) / for I-tripping	
adjustable setting current (InN) / for N-tripping	• minimum	700 A
• minimum • maximum • naximum • naxi	• maximum	700 A
<ul> <li>minimum</li> <li>maximum</li> <li>0 A</li> <li>maximum</li> <li>0 A</li> <li>adjustable current response value current / of the current dependent overload release</li> <li>product function / grounding protection</li> <li>No</li> <li>dechanical Design</li> <li>product component</li> <li>undervoltage release</li> <li>voltage trigger</li> <li>trip indicator</li> <li>height [in]</li> <li>5.51 in</li> <li>height [in]</li> <li>5.51 in</li> <li>height [in]</li> <li>40 mm</li> <li>width 25.4 mm</li> <li>depth [in]</li> <li>3.01 in</li> <li>depth [in]</li> <li>40.5 mm</li> <li>connections</li> <li>arrangement of electrical connectors / for main current circuit</li> <li>without connection</li> <li>twithout connection / tor main current circuit</li> <li>without connection</li> <li>twithout connection</li> <li>twithout connection</li> <li>ccessories</li> <li>product extension / optional / motor drive</li> <li>no</li> <li>during operation / minimum</li> <li>during operation / minimum</li> <li>during operation / maximum</li> <li>during operation / maximum</li> <li>during operation / maximum</li> <li>during operation / maximum</li> <li>during storage / minimum</li> <li>during storage / minimum</li> <li>during storage / minimum</li> <li>during storage / minimum</li> <li>during storage / maximum</li> <li>during storage / maximum</li> <li>during storage / maximum</li> <li>during storage / maximum</li> <li>during for sustibility / as approval for NAVAL (no combat</li> <li>Yes</li> </ul>	adjustable setting current (InN) / for N-tripping	
adjustable current response value current / of the current- dependent overload release product function / grounding protection No  fechanical Design  product component  • undervoltage release • voltage trigger • trip indicator No  height [in] 5.51 in  height   140 mm  width [in]   1 in  depth   25.4 mm  depth   16.5 mm  connections  arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit wixiliary circuit  number of CO contacts / for auxiliary contacts of convertions arrangement of operation / motor drive product extension / optional / motor drive • during operation / maximum • during operation / maximum • during storage / minimum • during storage / minimum • during storage / maximum • during storage / maximum • during storage / maximum • certificate of suitability / as approval for NAVAL (no combat  Yes		0 A
adjustable current response value current / of the current- dependent overload release product function / grounding protection No  fechanical Design  product component  • undervoltage release • voltage trigger • trip indicator No  height [in] 5.51 in  height   140 mm  width [in]   1 in  depth   25.4 mm  depth   16.5 mm  connections  arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit wixiliary circuit  number of CO contacts / for auxiliary contacts of convertions arrangement of operation / motor drive product extension / optional / motor drive • during operation / maximum • during operation / maximum • during storage / minimum • during storage / minimum • during storage / maximum • during storage / maximum • during storage / maximum • certificate of suitability / as approval for NAVAL (no combat  Yes		
product component  undervoltage release voltage trigger vip indicator height [in] height lin] lin width lin] lin width lin] lin depth [in] lin d	adjustable current response value current / of the current-	70 70 A
product component  • undervoltage release • voltage trigger • trip indicator No height [in] height 140 mm width [in] 1 in width depth [in] depth [in] 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 williary circuit number of CO contacts / for auxiliary contacts  product extension / optional / motor drive invironmental conditions  protection class IP / on the front ambient temperature • during operation / maximum • during storage / minimum • during storage / minimum • during storage / maximum • during stora	product function / grounding protection	No
undervoltage release voltage trigger trip indicator No height [in] 5.51 in height [in] 140 mm width [in] 11in width 25.4 mm depth [in] 3.01 in depth [in] 3.01 in depth [in] 4.5 mm  Connections  arrangement of electrical connectors / for main current circuit without connection type of electrical connection / for main current circuit without  unuber of CO contacts / for auxiliary contacts  product extension / optional / motor drive not connection class IP / on the front protection class IP / on the front definition of the during operation / maximum and the form of the during operation / maximum and the form of the during storage / minimum and the form of the during storage / minimum and the form of the during storage / minimum and the form of the during storage / minimum and the form of the form of the during storage / minimum and the form of the	lechanical Design	
voltage trigger	product component	
voltage trigger	undervoltage release	No
e trip indicator  height [in]  height   140 mm  width [in]   1 in  width   25.4 mm  depth [in]   3.01 in  depth   76.5 mm  connections  arrangement of electrical connectors / for main current circuit   Without connection    type of electrical connector / for main current circuit   Without    uxiliary circuit    number of CO contacts / for auxiliary contacts   0  coccessories  product extension / optional / motor drive   No  invironmental conditions  protection class IP / on the front   IP40  ambient temperature  e during operation / maximum   -25 °C e during operation / maximum   -40 °C e during storage / maximum   -40 °C e during storage / maximum   -40 °C e vertificate of suitability / as approval for NAVAL (no combat   Yes	-	No
height [in] 5.51 in height 140 mm  width [in] 1 in  width 25.4 mm  depth [in] 3.01 in  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  uuxiliary circuit  number of CO contacts / for auxiliary contacts 0  consections  product extension / optional / motor drive No  invironmental conditions  protection class IP / on the front IP40  ambient temperature		No
height 140 mm  width [in] 1 in  width 25.4 mm  depth [in] 3.01 in  76.5 mm  Connections  arrangement of electrical connectors / for main current circuit Without connection  type of electrical connection / for main current circuit Without  uxxiliary circuit  number of CO contacts / for auxiliary contacts 0  cocessories  product extension / optional / motor drive No  invironmental conditions  protection class IP / on the front IP40  ambient temperature  • during operation / minimum -25 °C  • during operation / maximum -40 °C  • during storage / minimum -40 °C  • during storage / minimum -40 °C  • during storage / maximum -40 °C  • during storage / maximum -40 °C  • during storage / maximum -40 °C  • certificates  certificate of suitability / as approval for NAVAL (no combat Yes		
width [in] 1 in  width 25.4 mm  depth [in] 3.01 in  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 No  environmental conditions  protection class IP / on the front IP40  ambient temperature  • during operation / minimum • during operation / maximum • during storage / minimum • during storage / minimum • during storage / minimum • during storage / maximum		
width 25.4 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 No  invironmental conditions  protection class IP / on the front IP40  ambient temperature  • during operation / maximum - 25 °C  • during operation / maximum - 40 °C  • during storage / minimum - 40 °C  • during storage / maximum - 80 °C  certificates  certificates  certificate of suitability / as approval for NAVAL (no combat 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  uuxiliary circuit  number of CO contacts / for auxiliary contacts  product extension / optional / motor drive  norticonnental conditions  protection class IP / on the front IP40  ambient temperature  • during operation / maximum  • during storage / minimum  -25 °C  • during storage / minimum  -40 °C  • during storage / maximum  80 °C  Contrificates  certificates  certificate of suitability / as approval for NAVAL (no combat)  Yes		
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 No  invironmental conditions  protection class IP / on the front IP40  ambient temperature  • during operation / maximum -25 °C  • during operation / maximum -40 °C  • during storage / minimum -40 °C  • during storage / maximum 80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat Yes		
arrangement of electrical connectors / for main current circuit  type of electrical connection / for main current circuit  Without  No  Without  Without  No  Without  Without  No  Without  Without  No  Without  W		
arrangement of electrical connectors / for main current circuit  type of electrical connection / for main current circuit  Without  Withou	·	76.5 mm
type of electrical connection / for main current circuit  Auxiliary circuit  number of CO contacts / for auxiliary contacts  0  Accessories  product extension / optional / motor drive  No  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during operation / maximum  70 °C  • during storage / minimum  • during storage / maximum  80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat  Yes		
number of CO contacts / for auxiliary contacts  Coccessories  product extension / optional / motor drive  No  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / maximum  • during storage / minimum  • during storage / maximum  • during storage / maximum  • coccetificates  certificate of suitability / as approval for NAVAL (no combat  Yes	•	
number of CO contacts / for auxiliary contacts    Coccessories	**	Without
product extension / optional / motor drive  No  Invironmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during operation / maximum  • during storage / minimum  • during storage / maximum		
product extension / optional / motor drive  No  Invironmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during operation / maximum  • during storage / minimum  • during storage / maximum  • during storage / maximum  • certificates  certificate of suitability / as approval for NAVAL (no combat  Yes	·	0
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  certificate of suitability / as approval for NAVAL (no combat Yes	ccessories	
protection class IP / on the front  ambient temperature  • during operation / minimum  • during operation / maximum  • during storage / minimum  • during storage / maximum  • during storage / maximum  • combat  P40  P25 °C  P40 °C	· · · · · · · · · · · · · · · · · · ·	No
ambient temperature  • during operation / minimum  • during operation / maximum  70 °C  • during storage / minimum  • during storage / maximum  80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat  Yes	nvironmental conditions	
<ul> <li>during operation / minimum</li> <li>during operation / maximum</li> <li>during storage / minimum</li> <li>during storage / maximum</li> <li>during storage / maximum</li> <li>certificates</li> </ul> Certificate of suitability / as approval for NAVAL (no combat Yes	protection class IP / on the front	IP40
<ul> <li>during operation / maximum</li> <li>during storage / minimum</li> <li>during storage / maximum</li> <li>80 °C</li> </ul> Certificates Certificate of suitability / as approval for NAVAL (no combat Yes	ambient temperature	
<ul> <li>during operation / maximum</li> <li>during storage / minimum</li> <li>during storage / maximum</li> <li>80 °C</li> </ul> Certificates Certificate of suitability / as approval for NAVAL (no combat Yes	during operation / minimum	-25 °C
<ul> <li>during storage / minimum</li> <li>during storage / maximum</li> <li>80 °C</li> <li>Sertificates</li> <li>certificate of suitability / as approval for NAVAL (no combat</li> </ul> Yes		70 °C
during storage / maximum     80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat  Yes		-40 °C
Certificates  certificate of suitability / as approval for NAVAL (no combat  Yes	<ul> <li>during storage / minimum</li> </ul>	
certificate of suitability / as approval for NAVAL (no combat		60 C
vesseis) / supplement ob	during storage / maximum	00 C



Confirmation







Miscellaneous

General Product Approval

EMC

**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping









Type Test Certificates/Test Report



Marine / Shipping

other









Miscellaneous

Confirmation

other

**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=3VA5170-6ED11-1AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA5170-6ED11-1AA0

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

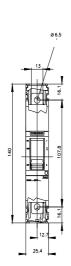
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA5170-6ED11-1AA0

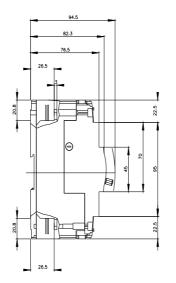
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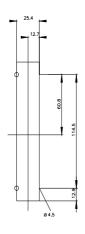
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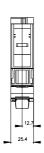
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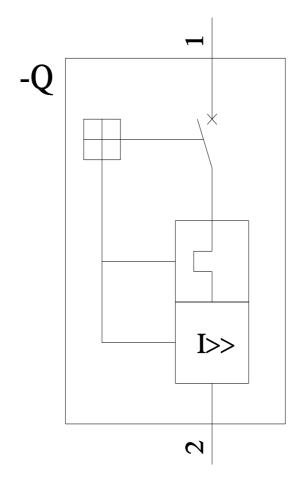
http://www.siemens.com/specifications

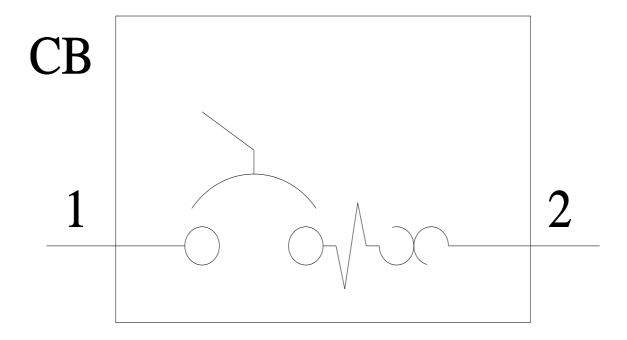












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