## 3VA5195-4ED11-1AA0

**Data sheet** 



circuit breaker 3VA5 UL frame 125 breaking capacity class S 25kA @ 277V 1-pole, line protection TM210, FTFM, In=15A overload protection Ir=15A fixed short-circuit protection Ii=20 x In UL 489 SB (naval),  $50^\circ$  C without connection

product brand name product designation product designation / according to UL file design of the product design of the product design of the load switch / according to UL 489 / Hearling, Air Conditioning, and Refrigeration circuit breaker (HACR Type) design of the load switch / according to UL 489 / High-intensity- Discharge circuit breaker (IPD Type) design of the load switch / according to UL 489 / Switching Duty circuit breaker (IPD Type) design of the load switch / according to UL 489 / Switching Duty circuit breaker (IPD Type) design of the overcurrent release  ILI number of poles  Coneral tochnical data  operating voltage / at AC / rated value power loss [W] / for rated value of the current / at AC / in hot operating voltage / at AC / rated value power loss [W] / for rated value of the current / at AC / in hot operating state / per pole mechanical service life (operating cycles) / at AC-1 / at 380 V 4 500 electrical endurance (operating cycles) / at AC-1 / at 380 V 4 500 electrical endurance (operating cycles) / at AC-1 / at 690 V 4 500 electrical endurance (operating cycles) / at 600 V 4 500 electrical endurance (operating cycles) / at 600 V 4 500 electrical endurance (operating cycles) / at 600 V 4 500 electrical endurance (operating cycles) / at 600 V 4 500 electrical endurance (operating cycles) / at 600 V 4 500 electrical endurance (operating cycles) / at 600 V 4 500 product feature / for neutral conductors / upgradable/retrofittable / short-cruit and overodat proof ground-fault monitoring version product function  • other measurement function  • at 40 °C • at 45 °C • at 45 °C • at 60 °C • at 65 °C	Model	
product designation / according to UL file SEAM design of the product System protection  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- bischarge circuit breaker (IM 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  IN 210  Ceneral technical data  operating voltage / at AC / rated value  operating voltage / at AC / rated value  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 380/415 V  electrical endurance (operating cycles) / at AC -1 / at 380/415 V  electrical endurance (operating cycles) / at AC -1 / at 480 V  electrical endurance (operating cycles) / at AC V  product feature / for neutral conductors / upgradable/retrofitable for short-circuit and overload proof  ground-fault monitoring version  without  nother measurement function  • other measure	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 (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  TM210  protection function of the overcurrent release  I unmber of poles  1  Ceneral technical data  operating voltage / at AC / rated value  operating voltage / at AC / rated value  operating voltage / at AC / rated value  operating state / per pole  mechanical service life (operating cycles) / typical  electrical endurance (operating cycles) / at AC-1 / at 380/415 V  electrical endurance (operating cycles) / at AC-1 / at 690 V  electrical endurance (operating cycles) / at 480 V  electrical endurance (operating cycles) / at 480 V  product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof  ground-fault monitoring version  without  product function  • communication function  • other measurement function  • other measurement function  • 15 A  • at 40 °C  • at 45 °C  • at 45 °C  • at 65 °C	product designation	Molded-case circuit breaker
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circult 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 / High-Intensity-Discharge circuit breaker (FID 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 1  Ceneral technical data operating voltage / at AC / rated value power loss [W] / maximum 3,2 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 680 V electrical endurance (operating cycles) / at 480 V electrical endurance (operating cycles) / at	product designation / according to UL file	SEAM
Conditioning, and Refrigeration circuit breaker (HACR Type) design of the load switch / according to UL 489 / High-Intensity- bischarage circuit breaker (HND Type)  design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)  design of the overcurrent release 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 opwer loss [W] / maximum opwer 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 380/415 V electrical endurance (operating cycles) / at AC-1 / at 690 V electrical endurance (operating cycles) / at 800 V electrical en	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 TM210 protection function of the overcurrent release I		Yes
design of the overcurrent release TM210 protection function of the overcurrent release LI number of poles 1  General technical data  operating voltage / at AC / rated value 415 V power loss [W] / maximum 3.2 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) / at 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 600 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 • at 55 °C • at 55 °C • at 55 °C • at 60		Yes
Description of the overcurrent release		Yes
Number of poles	design of the overcurrent release	TM210
General technical data  operating voltage / at AC / rated value	protection function of the overcurrent release	LI
operating voltage / at AC / rated value	number of poles	1
power loss [W] / maximum   3.2 W	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 480 V 4 000 product leature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof ground-fault monitoring version without product 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 • at 45 °C • at 45 °C • at 55 °C • at 60 °C • at 60 °C • at 65 °C • 14 A • at 65 °C • 14 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 480 V 8 000 electrical endurance (operating cycles) / at 690 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	3.2 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 55 °C • at 60 °C • at 65 °C  14 A • at 65 °C  14 A		3.2 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  No  Net Weight  Current  marking / according to UL 489 / 100%-rated breaker  operational current  other at 40 °C  other at 45 °C  other at 45 °C  other at 55 °C  other at 60 °C  other at 65 °C  14 A  other at 65 °C  other at 45 °C  other at 45 °C  other at 65 °C  other at 45 °C  other at 45 °C  other at 45 °C  other at 65 °C	mechanical service life (operating cycles) / typical	20 000
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 0.38 kg  Current  marking / according to UL 489 / 100%-rated breaker No operational current • at 40 °C 15 A • at 45 °C 15 A • at 50 °C 14 A • at 60 °C 14 A • at 60 °C 14 A • at 65 °C 14 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  the A  at 65 °C  at 65 °C  at 65 °C  at 65 °C  at 4A  at 65 °C  at 65 °C  at 4A	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 15 A  • at 45 °C 15 A  • at 50 °C 14 A  • at 65 °C 14 A  • at 60 °C 14 A	electrical endurance (operating cycles) / at 480 V	8 000
// short-circuit and overload proof ground-fault monitoring version  ocommunication function other measurement function No  Net Weight  Current  marking / according to UL 489 / 100%-rated breaker  operational current oat 40 °C oat 45 °C oat 55 °C oat 65 °C  14 A oat 65 °C  14 A  14 A	electrical endurance (operating cycles) / at 600 V	4 000
product function  • communication function  • other measurement function  No  Net Weight  O.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 60 °C  • at 65 °C  14 A		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>14 A</li> <li>at 60 °C</li> <li>at 60 °C</li> <li>14 A</li> <li>at 65 °C</li> <li>14 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  14 A  ● at 60 °C  ● at 65 °C  14 A	product function	
Net Weight       0.38 kg         Current         marking / according to UL 489 / 100%-rated breaker       No         operational current       15 A         • at 40 °C       15 A         • at 50 °C       14 A         • at 55 °C       14 A         • at 60 °C       14 A         • at 65 °C       14 A	• communication function	No
Current         marking / according to UL 489 / 100%-rated breaker       No         operational current       15 A         • at 40 °C       15 A         • at 50 °C       14 A         • at 55 °C       14 A         • at 60 °C       14 A         • at 65 °C       14 A	<ul> <li>other measurement function</li> </ul>	No
marking / according to UL 489 / 100%-rated breaker       No         operational current       15 A         • at 40 °C       15 A         • at 50 °C       15 A         • at 55 °C       14 A         • at 60 °C       14 A         • at 65 °C       14 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  14 A	Current	
<ul> <li>at 40 °C</li> <li>at 45 °C</li> <li>at 50 °C</li> <li>4 A</li> <li>at 55 °C</li> <li>4 A</li> <li>at 60 °C</li> <li>4 A</li> <li>5 °C</li> <li>14 A</li> <li>4 A</li> </ul>	marking / according to UL 489 / 100%-rated breaker	No
<ul> <li>at 45 °C</li> <li>at 50 °C</li> <li>14 A</li> <li>at 55 °C</li> <li>14 A</li> <li>at 60 °C</li> <li>at 65 °C</li> <li>14 A</li> </ul>	operational current	
<ul> <li>at 50 °C</li> <li>at 55 °C</li> <li>14 A</li> <li>at 60 °C</li> <li>at 65 °C</li> <li>14 A</li> </ul>	• at 40 °C	15 A
• at 55 °C 14 A • at 60 °C 14 A • at 65 °C 14 A	• at 45 °C	15 A
• at 60 °C 14 A • at 65 °C 14 A	• at 50 °C	14 A
• at 65 °C 14 A	● at 55 °C	14 A
	• at 60 °C	14 A
• at 70 °C	• at 65 °C	14 A
	• at 70 °C	14 A

For switching capacity according to UL 489	switching capacity class of the circuit breaker	S
current breaking capacity         65 kA           • at 120 V         65 kA           • at 127 V         25 kA           • at 347 V         14 kA           Augustable parameters		
+ 1120 V	Switching capacity according to UL 489	
* at 277 V   45 kA   14 kA	current breaking capacity	
Adjustable parameters  adjustable response value setting current (ir) / of the L-trip / with 12 characteristic  • minimum • maximum 15 A  adjustable response value delay time (ir) / for L-tripping / with 12 characteristic  • minimum • maximum 18  adjustable response value delay time (ir) / for L-tripping / with 12 characteristic  • minimum • maximum 18  adjustable response value setting current (iii) / for I-tripping • minimum • maximum 300 A  adjustable setting current (inh) / for N-tripping • minimum • maximum 300 A  adjustable setting current (inh) / for N-tripping • minimum • maximum 300 A  adjustable setting current (inh) / for N-tripping • minimum • maximum 300 A  adjustable current response value surrent / of the current-dependent overload release product function / grounding protection No  Mechanical Design  product component • undervoltage release • voltage trigger • No • undervoltage release • voltage trigger • ninimum • undervoltage release • voltage trigger • ninimum • undervoltage release • voltage trigger • No • undervoltage release • voltage trigg	• at 120 V	65 kA
Adjustable parameters  adjustable response value setting current (ir) / of the L-trip / with IZC characteristic  in ininimum	• at 277 V	25 kA
12 characteristic	● at 347 V	14 kA
adjustable response value setting current (ir) / of the L-trip / with I2t characteristic setting current (ir) / for L-tripping / with I2t characteristic setting current (ir) / for L-tripping / with I2t characteristic setting current (iii) / for I-tripping / with I2t setting current (iii) / for I-tripping setting current (iniv) / for I-tripping setting current / of the current set in saximum set in saxi	Adjustable parameters	
maximum     adjustable response value delay time (tr) / for L-tripping / with 12t characteristic     iminimum	adjustable response value setting current (Ir) / of the L-trip / with	
adjustable response value delay time (tr) / for L-tripping / with   2t characteristic   nazimum   1 s   s   s   s   s   s   s   s   s	• minimum	15 A
characteristic  ininimum inimum inimu	• maximum	15 A
maximum adjustable response value setting current (ii) / for I-tripping       minimum		
adjustable response value setting current (iii) / for I-tripping	• minimum	1 s
<ul> <li>minimum</li> <li>maximum</li> <li>300 A</li> <li>maximum</li> <li>on A</li> <li>minimum</li> <li>on A</li> <li>maximum</li> <li>on A</li> <li>maximum</li> <li>on A</li> <li>maximum</li> <li>on A</li> <li>maximum</li> <li>on A</li> <li>adjustable current response value current / of the current-dependent overload release</li> <li>product function / grounding protection</li> <li>workerhanical 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>soft in</li> <li>width [in]</li> <li>lin</li> <li>width [in]</li> <li>depth</li> <li>76.5 mm</li> <li>Connections</li> <li>arrangement of electrical connectors / for main current circuit</li> <li>Without connection</li> <li>type of electrical connectors / for main current circuit</li> <li>Without connection</li> <li>type of electrical connection / for main current circuit</li> <li>Without connection</li> <li>product extension / optional / motor drive</li> <li>protection class IP / on the front</li> <li>during operation / minimum</li> <li>during storage / maximum</li> <li>certificate of suitability / as approval for NAVAL (no combat</li> <li>Yes</li> </ul>	maximum	1 s
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	300 A
• minimum • maximum • dijustable current response value current / of the current-dependent overload release product function / grounding protection  Mochanical Dosign product component • undervoltage release • voltage trigger • trip indicator • trip indicator • height [in] • fight • lin • leight • lin • leight • lin • width • g.5.5 in • height • lin • width • g.5.4 mm • depth [in] • g.5.4 mm • depth [in] • g.5.5 mm   **Connections  **arrangement of electrical connectors / for main current circuit **Without connection  **University circuit*  **unumber of CO contacts / for auxilliary contacts  **Droduct extension / optional / motor drive • during operation / minimum • during operation / maximum • during operation / maximum • during storage / minimum • during storage / minimum • during storage / minimum • during certificate of suitability / as approval for NAVAL (no combat • Yes  errifficate of suitability / se approval for NAVAL (no combat  *Yes  **Versiticate or suitability / se  *Yes  **Versiticate or suitability / se  **Versiticate of suitability / as approval for NAVAL (no combat  *Yes  **Versiticate or suitability / se  **Versiticate of suitability / se approval for NAVAL (no combat  *Yes  **Versiticate or suitability / se  **Versiticate of suitability / se	maximum	300 A
• minimum	adjustable setting current (InN) / for N-tripping	
adjustable current response value current / of the current- dependent overload release product function / grounding protection  No  Mechanical Design  Product component  • undervoltage release • voltage trigger • trip indicator  No  height [in] 5.51 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  Auxiliary circuit  number of CO contacts / for auxiliary contacts  product extension / optional / motor drive • during operation / minimum • during storage / minimum • during storage / minimum • during storage / maximum  Auxiliary circuits  our circuits  Product extension / maximum  - during storage / minimum • during storage / minimum • during storage / minimum • during storage / maximum  Souritficates  certificates  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  Mechanical Design  Product component  • undervoltage release • voltage trigger • trip indicator  No  height [in] 5.51 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  Auxiliary circuit  number of CO contacts / for auxiliary contacts  product extension / optional / motor drive • during operation / minimum • during storage / minimum • during storage / minimum • during storage / maximum  Auxiliary circuits  our circuits  Product extension / maximum  - during storage / minimum • during storage / minimum • during storage / minimum • during storage / maximum  Souritficates  certificates  certificate of suitability / as approval for NAVAL (no combat  Yes		
product component  undervoltage release voltage trigger vir indicator height [in] height height [in] height height [in] height height [in] height hei	adjustable current response value current / of the current-	
product component  • undervoltage release • voltage trigger • trip indicator No height [in] height 140 mm width [in] 1 in width 25.4 mm depth [in] depth 76.5 mm  Connections  arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit witliary 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 / maximum • during operation / maximum • during storage / minimum • during storage / maximum	product function / grounding protection	No
undervoltage release voltage trigger trip indicator No height [in] 5.51 in height width 140 mm width [in] 1 in width 25.4 mm depth [in] 3.01 in depth [in] Without connections  arrangement of electrical connectors / for main current circuit Without connection  avarializary circuit number of CO contacts / for auxiliary contacts  Avarillary circuit number of CO contacts / for auxiliary contacts  product extension / optional / motor drive No environmental conditions  protection class IP / on the front ambient temperature during operation / minimum -25 °C during storage / minimum -40 °C eduring storage / minimum -40 °C etrifficate of suitability / as approval for NAVAL (no combat Yes  etrifficate of suitability / as approval for NAVAL (no combat Yes	Mechanical Design	
undervoltage release voltage trigger trip indicator No height [in] 5.51 in height width [in] 1 1 in width 25.4 mm depth [in] 3.01 in depth [in] 4 3.01 in depth [in] 4 5.5 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  Product extension / optional / motor drive No  Auxiliary circuit   Vithout   Auxiliary circuit   Vithout   No  Auxiliary circuit   Vithout   Auxiliary circuit   Auxiliary circuit   Vithout   Auxiliary circuit   Vithout   Auxiliary circuit   Auxiliary circ	product component	
voltage trigger	undervoltage release	No
• trip indicator  height [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 without    auxiliary circuit   1.00   1.00    number of CO contacts / for auxiliary contacts   0  accessories   1.00    product extension / optional / motor drive   No  ambient temperature   4 during operation / maximum   -25 °C    e during operation / maximum   70 °C    e during storage / maximum   -40 °C    e certificate 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 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 / 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		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  waxiliary 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 -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  • 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 • Ves	• •	
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  Environmental conditions  protection class IP / on the front IP40  ambient temperature  • during operation / maximum -25 °C • during operation / maximum -70 °C • during storage / minimum -40 °C • during storage / maximum -40 °C • certificates  certificate of suitability / as approval for NAVAL (no combat Yes	<u> </u>	
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  Environmental conditions  protection class IP / on the front ambient temperature  • during operation / minimum -25 °C • during operation / maximum -40 °C • during storage / minimum -40 °C • during storage / maximum -40 °C  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  Environmental conditions  protection class IP / on the front IP40  ambient temperature  • during operation / maximum -25 °C  • during storage / minimum -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  Auxiliary circuit  number of CO contacts / for auxiliary contacts  Accessories  product extension / optional / motor drive  No  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / maximum  • during operation / maximum  • 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  Auxiliary circuit  number of CO contacts / for auxiliary contacts  product extension / optional / motor drive  No  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during operation / maximum  for oc  • during storage / minimum  • during storage / maximum  certificates  certificate of suitability / as approval for NAVAL (no combat  Yes	·	70.0 111111
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 / maximum  • during operation / maximum  -40 °C  • during storage / minimum  • during storage / maximum  80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat  Yes	-	Well-sud-summer self-summer se
number of CO contacts / for auxiliary contacts  Accessories  product extension / optional / motor drive  No  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  -25 °C  • during operation / maximum  • during storage / minimum  -40 °C  • during storage / maximum  80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat  Yes		
number of CO contacts / for auxiliary contacts  Accessories  product extension / optional / motor drive  No  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  -25 °C  • during operation / maximum  for °C  • during storage / minimum  -40 °C  eduring storage / maximum  80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat  Yes	••	JUONIIW
product extension / optional / motor drive  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during operation / maximum  • during storage / minimum  • during storage / maximum  • conditions  P40  Certificates  certificate of suitability / as approval for NAVAL (no combat  No  IP40  Analysis approval for NAVAL (no combat  No  IP40  Analysis approval for NAVAL (no combat  Yes		
product extension / optional / motor drive  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during operation / maximum  • during storage / minimum  • during storage / maximum  80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat  No  IP40  P40  Certificates  No  IP40  Auring storage / minimum  -25 °C  -40 °C  80 °C  P40 °C	·	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		
protection class IP / on the front  ambient temperature  • during operation / minimum  • during operation / maximum  • during storage / minimum  • during storage / maximum  • curing storage / maximum  • during storage / maximum  • during storage / maximum  • during storage / maximum  • to combat  P40  Certificates  certificate of suitability / as approval for NAVAL (no combat  Yes	product extension / optional / motor drive	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	Environmental conditions	
<ul> <li>during operation / minimum</li> <li>during operation / maximum</li> <li>0 °C</li> <li>during storage / minimum</li> <li>40 °C</li> <li>during storage / maximum</li> <li>Certificates</li> <li>certificate of suitability / as approval for NAVAL (no combat</li> </ul> Yes	protection class IP / on the front	IP40
during operation / maximum     during storage / minimum     during storage / maximum     80 °C  Certificates  certificate of suitability / as approval for NAVAL (no combat Yes	ambient temperature	
• during storage / minimum     • during storage / maximum     80 °C  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>Certificates</li> <li>certificate of suitability / as approval for NAVAL (no combat</li> <li>Yes</li> </ul>	during operation / maximum	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		80 °C
certificate of suitability / as approval for NAVAL (no combat		
	Certificates	

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=3VA5195-4ED11-1AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA5195-4ED11-1AA0

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

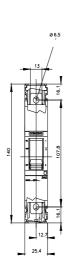
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA5195-4ED11-1AA0

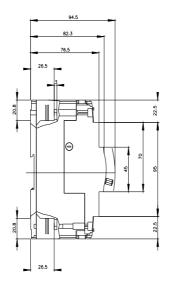
**CAx-Online-Generator** 

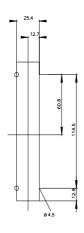
http://www.siemens.com/cax

Tender specifications

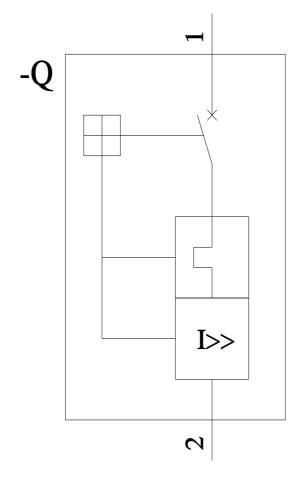
http://www.siemens.com/specifications

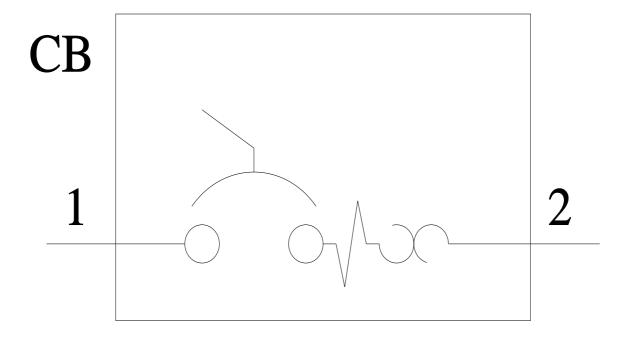












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**Authorized Distributor** 

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Siemens:

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