## 3VA5220-6EC32-1AA0

**Data sheet** 



circuit breaker 3VA5 UL frame 250 breaking capacity class H 65kA @ 480 V 3-pole, line protection TM230, FTAM, In=200A overload protection Ir=200A fixed short-circuit protection Ii=5...10 x In UL489 SB (naval), 50 deg. cel. nut keeper kit on both sides

| 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 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type) design of the load switch / according to UL 489 / High-Intensity- Discharge circuit breaker (HACR 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 protection function of the overcurrent release ILI number of poles  General technical 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 d electrical endurance (operating cycles) / at AC-1 / at 690 V d electrical endurance (operating cycles) / at AC-1 / at 690 V d electrical endurance (operating cycles) / at AC-0 / at 690 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at 800 V d electrical endurance (operating cycles) / at | Model  |                             |
|--|--|-----------------------------|
| product designation / according to UL file   | product brand name   | SENTRON                     |
| design of the product  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 (IBVD 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 voercurrent release  TM230  protection function of the overcurrent release  protection function of the overcurrent release  UL number of poles  3  Ceneral technical data  operating voltage / at AC / rated value  opower loss [W] / maximum  A3 WV  opower 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 8 8000  electrical endurance (operating cycles) / at AC-1 / at 690 V 4 000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000  electrical endurance (operating cycles) / at 480 V 8 8000 | product designation  | Molded-case circuit breaker |
| 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 TM230 protection function of the overcurrent release LI number of poles 3  Ceneral technical data 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 690 V electrical endurance (operating cycles) / at 480 V electrical endurance  | product designation / according to UL file                       | HFAM                        |
| Conditioning, and Refrigeration circuit breaker (HACR Type) design of the load switch / according to UL 489 / High-Intensity- bischarge circuit breaker (HHD 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 LL number of poles  Ceneral technical data 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 380/415 V electrical endurance (operating cycles) / at AC-1 / at 380/415 V electrical endurance (operating cycles) / at AC-1 / at 380/4 S V electrical endurance (operating cycles) / at AC-1 / at 380/4 S V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V electrical endurance (operating cycles) / at AC-1 / at 380 V V V V V V V V V V V V V V V V V | 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 protection function of the overcurrent release LLI number of poles 3  Ceneral technical data 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 890 V electrical endurance (operating cycles) / at AC-1 / at 690 V electrical endurance (operating cycles) / at ABO 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 No No No No No No Operational current • at 40 °C • at 45 °C • at 50 °C • at 65 °C  178 A • at 65 °C  178 A • at 65 °C  172 A  |  | Yes                         |
| design of the overcurrent release protection function of the overcurrent release LI number of poles 3  Ceneral technical data  operating voltage / at AC / rated value 690 V power loss [W] / maximum 43 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) / 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 AC-1 / at 690 V 4 000 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 AC-1 / at 690 V 4 000 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 AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 5 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 6 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 6 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 6 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 6 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 6 000 electrical endurance (operating cycles) / at AC-1 / at 690 V 6 000 electrical endurance ( |  | No                          |
| protection function of the overcurrent release  LI number of poles  3  General technical data operating voltage / at AC / rated value  power loss [W] / maximum  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 690 V  electrical endurance (operating cycles) / at AC-1 / at 690 V  electrical endurance (operating cycles) / at 600 V  electrical endurance (operating cycles) / at 600 V  oproduct feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof  ground-fault monitoring version  without  product function  o communication function  No  Not Weight  Current   marking / according to UL 489 / 100%-rated breaker  operational current  • at 40 °C  at 55 °C  at 55 °C  183 A  at 60 °C  178 A  at 60 °C  172 A   |  | No                          |
| number of poles   3  | design of the overcurrent release                                | TM230                       |
| General technical data   | protection function of the overcurrent release                   | Ц                           |
| Operating voltage / at AC / rated value   690 V  | number of poles  | 3                           |
| Dower 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 480 V 4 000 product leature / 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 2.192 kg  Current  marking / according to UL 489 / 100%-rated breaker No operational current  • at 40 °C 200 A • at 45 °C 194 A • at 50 °C 189 A • at 55 °C 183 A • at 60 °C 178 A   | operating voltage / at AC / rated value                          | 690 V                       |
| 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 AC-1 / at 690 V electrical endurance (operating cycles) / at 480 V electrical endurance (operating cycles) / at 690 V product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof ground-fault monitoring version without product function   | power loss [W] / maximum   | 43 W                        |
| 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 electrical endurance (operating cycles) / at 600 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 No Net Weight 2.192 kg  Current marking / according to UL 489 / 100%-rated breaker operational current • at 40 °C • at 45 °C • at 45 °C 194 A • at 50 °C 189 A • at 50 °C 183 A • at 60 °C 172 A  |  | 14.17 W                     |
| electrical endurance (operating cycles) / at AC-1 / at 690 V electrical endurance (operating cycles) / at 480 V electrical endurance (operating cycles) / at 600 V electrical endurance (operating cycles) / at 600 V product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof ground-fault monitoring version  • 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 65 °C  178 A • at 65 °C  172 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  ocommunication function  No  No  Net Weight  Current  marking / according to UL 489 / 100%-rated breaker  operational current  o at 40 °C  other at 45 °C  other at 55 °C  other at 60 °C  other at 65 °C  178 A  other at 65 °C  other at 60 | 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  ocommunication function other measurement function No  No  Net Weight  Current  marking / according to UL 489 / 100%-rated breaker  operational current ocommunication current ocommunication to UL 489 / 100%-rated breaker  no  operational current ocommunication to UL 489 / 100%-rated breaker  icommunication to UL 489 / 100%-rated breaker  ocommunication in No  No  No  No  2.192 kg  Current  marking / according to UL 489 / 100%-rated breaker  ocommunication in No  operational current ocommunication in No  operational current ocommunication in No  operational current ocommunication in No  ocommunication in No  No  No  No  No  No  No  192 kg  Current  marking / according to UL 489 / 100%-rated breaker  No  operational current ocommunication in No  icommunication in No  | 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 2.192 kg  Current  marking / according to UL 489 / 100%-rated breaker No  operational current  • at 40 °C 200 A  • at 45 °C 194 A  • at 50 °C 189 A  • at 55 °C 183 A  • at 60 °C 178 A  • at 65 °C 172 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  • communication function  • other measurement function  No  Net Weight  2.192 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  172 A  |  | No                          |
| <ul> <li>● communication function</li> <li>No</li> <li>Nother measurement function</li> <li>No</li> <li>Net Weight</li> <li>2.192 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>194 A</li> <li>at 50 °C</li> <li>189 A</li> <li>at 55 °C</li> <li>183 A</li> <li>at 60 °C</li> <li>178 A</li> <li>at 65 °C</li> <li>172 A</li> </ul>   | ground-fault monitoring version                                  | without                     |
| ● other measurement function  No  Net Weight  2.192 kg  Current  marking / according to UL 489 / 100%-rated breaker  operational current  ● at 40 °C  ● at 45 °C  ● at 50 °C  189 A  ● at 50 °C  183 A  ● at 60 °C  ● at 65 °C  172 A  | product function   |                             |
| Net Weight       2.192 kg         Current         marking / according to UL 489 / 100%-rated breaker       No         operational current       200 A         • at 40 °C       200 A         • at 45 °C       194 A         • at 50 °C       189 A         • at 55 °C       183 A         • at 60 °C       178 A         • at 65 °C       172 A  | • communication function   | No                          |
| Current         marking / according to UL 489 / 100%-rated breaker       No         operational current       200 A         • at 40 °C       200 A         • at 45 °C       194 A         • at 50 °C       189 A         • at 55 °C       183 A         • at 60 °C       178 A         • at 65 °C       172 A  | other measurement function                                       | No                          |
| marking / according to UL 489 / 100%-rated breaker       No         operational current       200 A         • at 40 °C       200 A         • at 45 °C       194 A         • at 50 °C       189 A         • at 55 °C       183 A         • at 60 °C       178 A         • at 65 °C       172 A  | Net Weight   | 2.192 kg                    |
| operational current  • at 40 °C  • at 45 °C  • at 50 °C  189 A  • at 55 °C  183 A  • at 60 °C  • at 65 °C  172 A   | Current  |                             |
| <ul> <li>at 40 °C</li> <li>at 45 °C</li> <li>194 A</li> <li>at 50 °C</li> <li>189 A</li> <li>at 55 °C</li> <li>183 A</li> <li>at 60 °C</li> <li>178 A</li> <li>at 65 °C</li> <li>172 A</li> </ul>  | marking / according to UL 489 / 100%-rated breaker               | No                          |
| <ul> <li>at 45 °C</li> <li>at 50 °C</li> <li>189 A</li> <li>at 55 °C</li> <li>183 A</li> <li>at 60 °C</li> <li>at 65 °C</li> <li>172 A</li> </ul>  | operational current  |                             |
| <ul> <li>at 50 °C</li> <li>at 55 °C</li> <li>183 A</li> <li>at 60 °C</li> <li>at 65 °C</li> <li>172 A</li> </ul>   | • at 40 °C   | 200 A                       |
| <ul> <li>at 55 °C</li> <li>at 60 °C</li> <li>at 65 °C</li> <li>183 A</li> <li>178 A</li> <li>172 A</li> </ul>  | • at 45 °C   | 194 A                       |
| • at 60 °C 178 A<br>• at 65 °C 172 A   | • at 50 °C   | 189 A                       |
| • at 65 °C 172 A   | • at 55 °C   | 183 A                       |
|  | • at 60 °C   | 178 A                       |
| • at 70 °C   | • at 65 °C   | 172 A                       |
|  | ● at 70 °C   | 167 A                       |

| Switching capacity according to IEC 60947  |  |
|--|--|
| switching capacity class of the circuit breaker  | Н  |
| 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   | - 100  |
| current breaking capacity  |  |
| • at 240 V   | 100 kA   |
| • at 480 V   | 65 kA  |
| • at 600 V   | 25 kA  |
| Adjustable parameters  | 20101  |
| adjustable response value setting current (Ir) / of the L-trip / with  |  |
| I2t characteristic   |  |
| • minimum  | 200 A  |
| maximum  | 200 A  |
| adjustable response value delay time (tr) / for L-tripping / with I2t characteristic   |  |
| • minimum  | 1 s  |
| • maximum  | 1 s  |
| adjustable response value setting current (li) / for I-tripping  |  |
| • minimum  | 1 000 A  |
| • maximum  | 2 000 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  | 200 200 A  |
| product function / grounding protection  | No   |
| Mechanical Design  |  |
| product component  |  |
| undervoltage release   | No   |
| <ul> <li>voltage trigger</li> </ul>  | No   |
| trip indicator   | No   |
| height [in]  | 7.28 in  |
| height   | 185 mm   |
| width [in]   | 4.13 in  |
| width  | 105 mm   |
| depth [in]   | 3.27 in  |
| depth  | 83 mm  |
| Connections  |  |
| arrangement of electrical connectors / for main current circuit  | Front connection   |
| type of electrical connection / for main current circuit   | nut keeper kit on both ends  |
| type of connectable conductor cross-sections / for flat-bar terminal connection / minimum  | 13 x 1 mm  |
| type of connectable conductor cross-sections / for flat-bar terminal connection / maximum  | 25 x 8 mm  |
| terminal connection / maximum  |  |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  | silver   |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) $$   | silver   |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) $$   | silver 0   |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  Auxiliary circuit  number of CO contacts / for auxiliary contacts   |  |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  auxiliary circuit  number of CO contacts / for auxiliary contacts   |  |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  **wxiliary circuit**  number of CO contacts / for auxiliary contacts  **ccessories**  product extension / optional / motor drive  | 0  |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  **wxiliary circuit**  number of CO contacts / for auxiliary contacts  **ccessories**  product extension / optional / motor drive  | 0  |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  auxiliary circuit  number of CO contacts / for auxiliary contacts  accessories  product extension / optional / motor drive  invironmental conditions  | 0<br>Yes   |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  **wxiliary circuit**  number of CO contacts / for auxiliary contacts  **cccessories**  product extension / optional / motor drive  **environmental conditions**  protection class IP / on the front  ambient temperature  | 0<br>Yes   |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  **uxiliary circuit**  number of CO contacts / for auxiliary contacts  **cccessories**  product extension / optional / motor drive  **invironmental conditions**  protection class IP / on the front  ambient temperature  • during operation / minimum  | 0<br>Yes<br>IP40<br>-25 °C   |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  auxiliary circuit  number of CO contacts / for auxiliary contacts  accessories  product extension / optional / motor drive  anvironmental conditions  protection class IP / on the front  ambient temperature  during operation / minimum  during operation / maximum                               | 0 Yes IP40 -25 °C 70 °C  |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  Auxiliary circuit  number of CO contacts / for auxiliary contacts  Accessories  product extension / optional / motor drive  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during storage / minimum                             | 0 Yes IP40 -25 °C 70 °C -40 °C   |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  Auxiliary circuit  number of CO contacts / for auxiliary contacts  Accessories  product extension / optional / motor drive  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during storage / minimum  • during storage / maximum | 0 Yes IP40 -25 °C 70 °C  |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)  Auxiliary circuit  number of CO contacts / for auxiliary contacts  Accessories  product extension / optional / motor drive  Environmental conditions  protection class IP / on the front  ambient temperature  • during operation / minimum  • during storage / minimum                             | 0 Yes IP40 -25 °C 70 °C -40 °C   |











EMC

**Declaration of Conformity** 

Marine / Shipping

other









Confirmation

**Miscellaneous** 

## **Further information**

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

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

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

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

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA5220-6EC32-1AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA5220-6EC32-1AA0

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

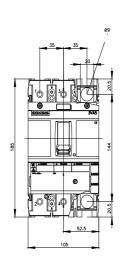
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA5220-6EC32-1AA0

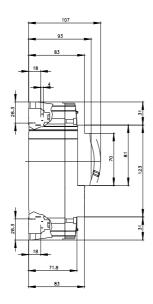
CAx-Online-Generator

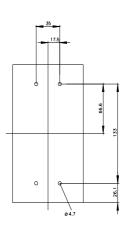
http://www.siemens.com/cax

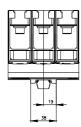
**Tender specifications** 

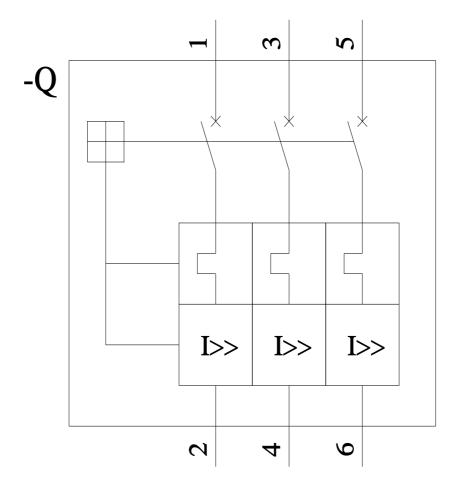
http://www.siemens.com/specifications

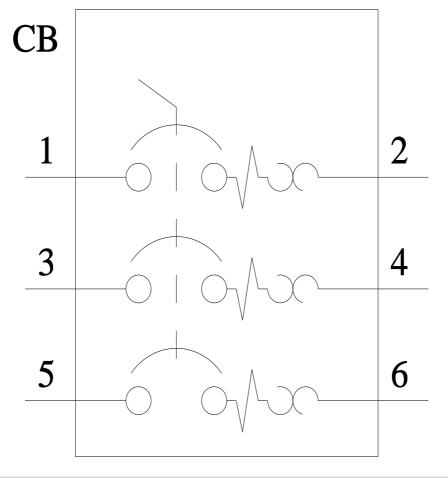












8/15/2023

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Siemens:

3VA52206EC321AA0