## **SIEMENS**

## **Data sheet**

## 3RA2110-1DD15-1AP6



Fuseless motor starter Direct start 600VAC Size S00 2.2-3.2A 220/240VAC 50/60HZ screw connection For snapping onto 60 mm busbar systems Type of coordination 2 IQ = 150 KA Also full fills type Of coordination 1 1NO (contactor)

| design of the product design of the product annufacturor's article number of the supplied contactor of the supplied contactor of the supplied contactor of the supplied busbar adapter of the supplied link module strong to the supplied link module of the supplied link module strong to the circuit-breaker of the supplied link module strong to the supplied link module strong to the circuit-breaker strong to load feeder product extension auxiliary switch results of load feeder product extension auxiliary switch yes insulation voltage with degree of pollution surge voltage resistance rated value degree of pollution surge voltage resistance according to IEC 60068-2-27 fee/11 ms surge voltage resistance according to IEC 60068-2-27 fee/11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature during operation during storage during transport  Main circuit number of poles for main current circuit design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage rated value rated value refered value ref | product brand name  | SIRIUS                       |
|--|---|------------------------------|
| manufacturer's article number  of the supplied contactor of the supplied contactor of the supplied busbar adapter of the supplied link module 3RA1921-1DA10 3RA1921-1DA00  Size of the circuit-breaker size of load feeder so product extension auxiliary switch resultance voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical during storage during storage during storage during storage during storage or during transport  so design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage  at AC-3 rated value at AC-3 rated value  at AC-3 at 400 V rated value  1 100 W  at 500 V rated value  1 100 W  control circuit Control  control supply voltage at AC  at 50 Hz rated value  at 500 V rated value  500 W  control circuit Control  control supply voltage at AC  at 500 V rated value  | product designation   | non-fused motor starter 3RA2 |
| of the supplied contactor of the supplied circuit-breakers of the supplied busbar adapter of the supplied busbar adapter size of the supplied link module 38A1921-1DA00  Ceneral technical data size of the circuit-breaker Size of the circuit-breaker Size of the circuit-breaker Size of toad feeder Size of load feeder Size of l  | design of the product   | direct starter               |
| of the supplied circuit-breakers     of the supplied busbar adapter     of the supplied busbar adapter     of the supplied link module  General technical data  size of the circuit-breaker     size of load feeder     product extension auxiliary switch     insulation voltage with degree of pollution 3 at AC rated value     degree of pollution     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27     degree of assignment  Ambient conditions  amblent temperature     ouring operation     ouring storage     during storage     during transport  Main circuit number of poles for main current circuit     design of the switching contact     adjustable current response value current of the current-dependent overload release  operating requency rated value     at AC-3 rated value     at AC-3 rated value     at 400 V rated value     at 50 Hz rated value     20 V  | manufacturer's article number                                   |                              |
| of the supplied busbar adapter     of the supplied link module     3RA1921-1DA00  Ceneral technical data  size of the circuit-breaker     size of load feeder     S00  product extension auxiliary switch     insulation voltage with degree of pollution 3 at AC rated value     degree of pollution     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27     shock resistance according to JEC 60068-2-27     shock resistance according cycles) of contactor typical     sylve of assignment 2  Ambient conditions  ambient temperature     ouring operation     during storage     ouring ransport  Main circuit  number of poles for main current circuit     design of the switching contact     adjustable current response value current of the current-dependent overload release     operating voltage     rated value     al AC-3 rated value maximum     690 V     operating power at AC-3     al 400 V rated value     1 100 W     at 500 V rated value     1 500 W  Control circuit/ Control  control supply voltage at AC     at 50 Hz rated value     20 V  | <ul> <li>of the supplied contactor</li> </ul>                   | <u>3RT2015-1AP61</u>         |
| of the supplied link module     SRA1921-1DA00  Concret technical data  size of the circuit-breaker     S00  product extension auxiliary switch     yes insulation voltage with degree of pollution 3 at AC rated value     degree of pollution     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27   | <ul> <li>of the supplied circuit-breakers</li> </ul>            | 3RV2011-1DA10                |
| size of the circuit-breaker S00  size of load feeder S00  product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value 690 V degree of pollution S Surge voltage resistance rated value 68 kV shock resistance according to IEC 60068-2-27 66 / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 2  Ambient conditions  ambient temperature  • during operation -20 +60 °C • during storage -50 +80 °C  • during storage -55 +80 °C  Main circuit number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage • at AC-3 rated value 690 V operating frequency rated value 50 60 Hz operating power at AC-3 • at 400 V rated value 1 100 W • at 500 V rated value 1 100 W • at 500 V rated value 1 100 W • at 500 V rated value 1 100 W • at 500 V rated value 1 100 W • at 500 V rated value 1 100 W • at 500 V rated value 220 V  | <ul> <li>of the supplied busbar adapter</li> </ul>              | <u>8US1251-5DS10</u>         |
| size of the circuit-breaker  size of load feeder  product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 86 / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature • during operation • during geration • during storage • during transport  Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 • at 400 V rated value 1 100 W • at 500 V rated value   | <ul> <li>of the supplied link module</li> </ul>                 | 3RA1921-1DA00                |
| size of load feeder  product extension auxiliary switch  product extension auxiliary switch  insulation voltage with degree of pollution 3 at AC rated value  degree of pollution  surge voltage resistance rated value  6 kV  shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical type of assignment  Ambient conditions  ambient temperature  during operation during storage during storage during storage during storage during transport  Main circuit  number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release  operating voltage at AC-3 rated value maximum  690 V  operating frequency rated value at AC-3 rated value maximum  690 V  operating power at AC-3 at 400 V rated value 1 100 W at 500 V rated value 2 20 V   | General technical data  |                              |
| product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 Ambient conditions ambient temperature during operation during storage during transport -55 +80 °C  Main circuit number of poles for main current circuit design of the switching contact dependent overload release operating voltage rated value at AC-3 rated value maximum operating lequency rated value operational current at AC-3 at 400 V rated value at 500 V rated value at 500 V rated value 1 100 W at 500 W rated value 1 100 W at 500 W rated value 1 100 W at 500 W rated value 1 100 W at 500 V rated value 1 500 W Control Circuit/ Control control supply voltage at AC at 50 Hz rated value 220 V  | size of the circuit-breaker                                     | S00                          |
| insulation voltage with degree of pollution 3 at AC rated value 690 V degree of pollution 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 2 Ambient conditions ambient temperature   | size of load feeder   | S00                          |
| degree of pollution  surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment  2  Ambient conditions  ambient temperature  • during operation • during storage • during transport  -20 +60 °C • during transport  -50 +80 °C  Main circuit  number of poles for main current circuit  design of the switching contact adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 • at 400 V rated value • at 500 V rated value  control supply voltage at AC • at 50 Hz rated value  220 V  | product extension auxiliary switch                              | Yes                          |
| surge voltage resistance rated value  shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical  type of assignment  2  Amblent conditions  amblent temperature  during operation during storage during transport  Main circuit  number of poles for main current circuit  design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 500 Hz rated value at 500 Hz rated value 220 V   | insulation voltage with degree of pollution 3 at AC rated value | 690 V                        |
| shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical 30 000 000  type of assignment 2  Ambient conditions  ambient temperature  during operation -20 +60 °C  during storage -50 +80 °C  during transport -55 +80 °C  Main circuit  number of poles for main current circuit 3  design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release  operating voltage  rated value -3 at 40-3 rated value -3 at 400 V rated value -3 at 500 V rated value -3 at             | degree of pollution   | 3                            |
| mechanical service life (operating cycles) of contactor typical  type of assignment  2  Ambient conditions  ambient temperature  • during operation • during storage • during transport  -20 +60 °C  • during transport  -25 +80 °C  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum  operating frequency rated value  operating grequency rated value  • at 400 V rated value • at 400 V rated value • at 500 V rated value  • at 500 V rated value  • at 500 V rated value  • at 500 V rated value  • at 500 V rated value  • at 500 Hz rated value  • at 50 Hz rated value  | surge voltage resistance rated value                            | 6 kV                         |
| type of assignment 2  Ambient conditions  ambient temperature  • during operation -20 +60 °C  • during storage -50 +80 °C  • during transport -55 +80 °C  Main circuit  number of poles for main current circuit 3  design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release  operating voltage  • rated value 690 V  • at AC-3 rated value maximum 690 V  operating frequency rated value 50 60 Hz operational current at AC-3 at 400 V rated value 2.7 A operating power at AC-3  • at 400 V rated value 1 100 W  • at 500 V rated value 1 500 W  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value 220 V  | shock resistance according to IEC 60068-2-27                    | 6g / 11 ms                   |
| Ambient conditions  ambient temperature  • during operation • during storage • during transport  -50 +80 °C  • during transport  -55 +80 °C  Main circuit  number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release  operating voltage • rated value operating frequency rated value operating frequency rated value operating power at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value 1100 W  • at 500 V rated value  • at 500 V rated value 1500 W  Control circuit/ Control  control supply voltage at AC • at 50 Hz rated value 220 V  | mechanical service life (operating cycles) of contactor typical | 30 000 000                   |
| ambient temperature  • during operation  • during storage  • during transport  -50 +80 °C  • during transport  -55 +80 °C  Main circuit  number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  • at AC-3 rated value maximum  operating frequency rated value  operating frequency rated value  operating power at AC-3  • at 400 V rated value  • at 50 V rated value  • at 50 V rated value  • at 50 Hz rated value  • at 50 Hz rated value  • at 50 Hz rated value  220 V  | type of assignment  | 2                            |
| <ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>-50 +80 °C</li> <li>during transport</li> <li>-55 +80 °C</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>electromechanical</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>operating frequency rated value</li> <li>operating frequency rated value</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>1 100 W</li> <li>at 500 V rated value</li> <li>at 500 V rated value</li> <li>220 V</li> </ul>  | Ambient conditions  |                              |
| • during storage     • during transport      • during transport      rout  number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operating power at AC-3  • at 400 V rated value  • at 400 V rated value  • at 500 V rated value  • at 500 V rated value  2.7 A  operating power at AC-3  • at 400 V rated value  1 100 W  • at 500 V rated value  220 V   | ambient temperature   |                              |
| oduring transport  | <ul> <li>during operation</li> </ul>                            | -20 +60 °C                   |
| Main circuit  number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operating power at AC-3 at 400 V rated value  • at 400 V rated value  • at 500 V rated value  1 100 W  control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  220 V  | during storage  | -50 +80 °C                   |
| number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operating power at AC-3 at 400 V rated value  • at 400 V rated value  • at 500 V rated value  control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  220 V   | <ul> <li>during transport</li> </ul>                            | -55 +80 °C                   |
| design of the switching contact  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  1 100 W  • at 500 V rated value  1 500 W  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  220 V  | Main circuit  |                              |
| adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  1 100 W  • at 500 V rated value  1 500 W  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  2.2 3.2 A   | number of poles for main current circuit                        | 3                            |
| dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum  690 V  operating frequency rated value  50 60 Hz  operational current at AC-3 at 400 V rated value  2.7 A  operating power at AC-3  • at 400 V rated value  1 100 W  • at 500 V rated value  1 500 W  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  220 V  | design of the switching contact                                 | electromechanical            |
| <ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operational current at AC-3 at 400 V rated value</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>1 100 W</li> <li>at 500 V rated value</li> <li>1 500 W</li> </ul> Control circuit/ Control control supply voltage at AC <ul> <li>at 50 Hz rated value</li> <li>220 V</li> </ul>  |   | 2.2 3.2 A                    |
| at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  operatin  | operating voltage   |                              |
| operating frequency rated value 50 60 Hz operational current at AC-3 at 400 V rated value 2.7 A  operating power at AC-3  • at 400 V rated value 1 100 W  • at 500 V rated value 1 500 W  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value 220 V   | rated value   | 690 V                        |
| operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  2.7 A  1 100 W  1 500 W  2.8 A  2.9 A  2.7 A | at AC-3 rated value maximum                                     | 690 V                        |
| operating power at AC-3  • at 400 V rated value  • at 500 V rated value  1 500 W  Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  220 V  | operating frequency rated value                                 | 50 60 Hz                     |
| at 400 V rated value  at 500 V rated value  1 500 W  Control circuit/ Control  control supply voltage at AC  at 50 Hz rated value  220 V   | operational current at AC-3 at 400 V rated value                | 2.7 A                        |
| at 500 V rated value  Control circuit/ Control  control supply voltage at AC  at 50 Hz rated value  220 V  | operating power at AC-3   |                              |
| Control circuit/ Control  control supply voltage at AC  • at 50 Hz rated value  220 V  | • at 400 V rated value  | 1 100 W                      |
| control supply voltage at AC  • at 50 Hz rated value 220 V   | at 500 V rated value  | 1 500 W                      |
| • at 50 Hz rated value 220 V   | Control circuit/ Control  |                              |
|  | control supply voltage at AC                                    |                              |
| • at 50 Hz rated value 187 242 V   | • at 50 Hz rated value  | 220 V                        |
|  | • at 50 Hz rated value  | 187 242 V                    |

| at 60 Hz rated value   | 240 V  |
|--|--|
| at 60 Hz rated value   | 192 264 V  |
| apparent holding power of magnet coil at AC  | 4.8 VA   |
| inductive power factor with the holding power of the coil  | 0.25   |
| Auxiliary circuit  |  |
| number of NO contacts for auxiliary contacts   | 1  |
| Protective and monitoring functions  |  |
| trip class   | CLASS 10   |
| design of the overload release   | thermal (bimetallic)   |
| response value current of instantaneous short-circuit trip unit  | 41.6 A   |
| UL/CSA ratings   |  |
| full-load current (FLA) for 3-phase AC motor   |  |
| <ul> <li>at 480 V rated value</li> </ul>   | 2.8 A  |
| at 600 V rated value   | 3.16 A   |
| yielded mechanical performance [hp]  |  |
| <ul> <li>for single-phase AC motor</li> </ul>  |  |
| — at 110/120 V rated value   | 0.1 hp   |
| — at 230 V rated value   | 0.25 hp  |
| • for 3-phase AC motor   |  |
| — at 200/208 V rated value   | 0.5 hp   |
| — at 220/230 V rated value   | 0.75 hp  |
| — at 460/480 V rated value   | 1.5 hp   |
| — at 575/600 V rated value   | 2 hp   |
| Short-circuit protection   |  |
| product function short circuit protection  | Yes  |
| design of the short-circuit trip   | magnetic   |
| conditional short-circuit current (Iq)   |  |
| <ul> <li>at 400 V according to IEC 60947-4-1 rated value</li> </ul>  | 153 000 A  |
| • at 500 V according to IEC 60947-4-1 rated value  | 100 000 A  |
| Installation/ mounting/ dimensions   |  |
|  |  |
| mounting position  | vertical   |
|  | vertical for snapping onto 60 mm busbar systems  |
| mounting position  |  |
| mounting position fastening method   | for snapping onto 60 mm busbar systems   |
| mounting position fastening method height  | for snapping onto 60 mm busbar systems<br>200 mm   |
| mounting position fastening method height width  | for snapping onto 60 mm busbar systems 200 mm 45 mm  |
| mounting position fastening method height width depth  | for snapping onto 60 mm busbar systems 200 mm 45 mm  |
| mounting position fastening method height width depth required spacing   | for snapping onto 60 mm busbar systems 200 mm 45 mm  |
| mounting position fastening method height width depth required spacing • for grounded parts  | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm   |
| mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards  | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm  |
| mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side   | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm   |
| mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards   | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm  |
| mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts  | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm   |
| mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards  | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm   |
| mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards   | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm  |
| mounting position fastening method height width depth required spacing   | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm   |
| mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — backwards — backwards — upwards — of live parts — forwards — backwards — backwards — backwards — backwards — upwards — downwards   | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 0 mm  |
| mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — backwards — backwards — upwards — at the side — downwards — forwards — forwards — backwards — backwards — upwards — at the side  | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm   |
| mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — at the side — downwards — torwards — backwards — backwards — upwards — backwards — upwards — at the side Connections/ Terminals  | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 9 mm 10 mm 9 mm 10 mm   |
| mounting position fastening method height width depth required spacing   | for snapping onto 60 mm busbar systems  200 mm  45 mm  155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 0 mm 9 mm 10 mm 9 mm 10 mm 20 mm 9 mm 10 mm 9 mm                     |
| mounting position fastening method height width depth required spacing   | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 20 mm 9 mm 10 mm screw-type terminals 0.5 4 mm², 2x (0.75 2.5 mm²)      |
| mounting position fastening method height width depth required spacing   | for snapping onto 60 mm busbar systems  200 mm  45 mm  155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 0 mm 9 mm 10 mm 9 mm 10 mm 20 mm 9 mm 10 mm 9 mm                     |
| mounting position fastening method height width depth required spacing   | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 20 mm 9 mm 10 mm screw-type terminals 0.5 4 mm², 2x (0.75 2.5 mm²)      |
| mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards — at the side — downwards  • for live parts — forwards — backwards — upwards — a the side Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections for main contacts stranded connectable conductor cross-section for main contacts finely stranded with core end processing  Safety related data  B10 value with high demand rate according to SN 31920  | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 20 mm 9 mm screw-type terminals 0.5 4 mm², 2x (0.75 2.5 mm²)  1 000 000 |
| mounting position fastening method height width depth required spacing   | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 9 mm                      |
| mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — backwards — upwards — at the side  Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections for main contacts stranded connectable conductor cross-section for main contacts finely stranded with core end processing  Safety related data  B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm 20 mm 10 mm 20 mm 10 mm 9 mm                                |
| mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections for main contacts stranded connectable conductor cross-section for main contacts finely stranded with core end processing  Safety related data  B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920  | for snapping onto 60 mm busbar systems 200 mm 45 mm 155.1 mm  0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm 20 mm 10 mm 20 mm 10 mm 9 mm                                |

For use in hazardous locations

**Declaration of Conformity** 

Confirmation











**Test Certificates** 

Marine / Shipping

Type Test Certificates/Test Report

**Special Test Certific-**









Marine / Shipping



Confirmation

other

Vibration and Shock

Railway

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,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2110-1DD15-1AP6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-1DD15-1AP6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-1DD15-1AP6

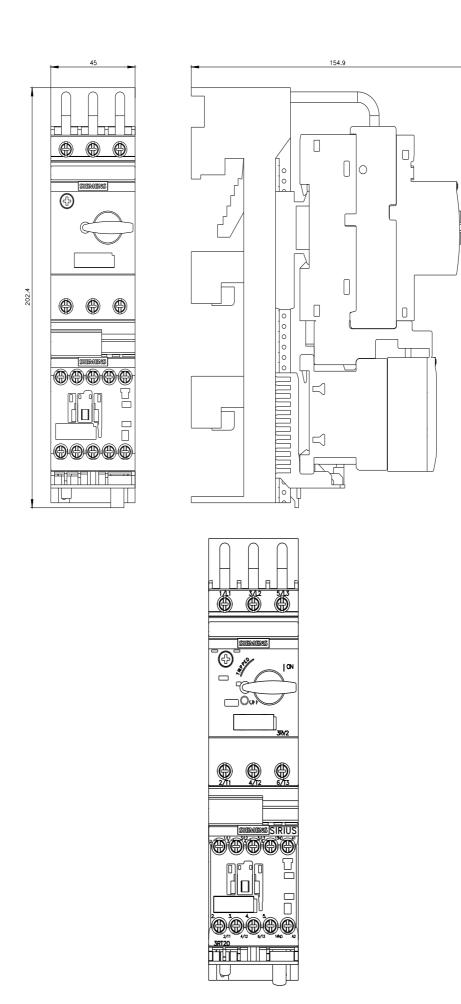
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

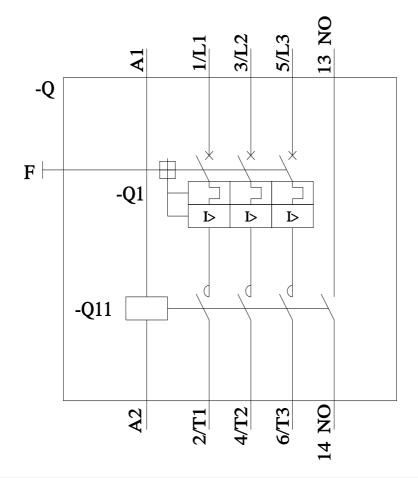
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2110-1DD15-1AP6&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-1DD15-1AP6/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-1DD15-1AP6&objecttype=14&gridview=view1





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