## 3RA2120-4BH27-0AP0

**Data sheet** 



Load feeder fuseless, Direct-on-line starting 400 V AC, Size S0 13...20 A 230 V AC Spring-type terminal for 60 mm busbar systems (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NO+1 NC (contactor)

| product designation design of the product for 60 mm busbars product type designation 3RA21 manufacturer's article number of the supplied contactor of the supplied contactor of the supplied droub threakers of the supplied busbar adapter of the supplied busbar adapter of the supplied link module 3RA291-2RA00  Central teachinal data size of the circuit-breaker size of teachinal data size of the circuit-breaker size of load feeder power loss [W] for rated value of the current of the supplied module of the current of the supplied circuit breaker size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of load feeder so power loss [W] for rated value of the current of the circuit breaker size of the circuit breaker size of the circuit breaker size of load feeder so of box load feeder so of box load feeder of box | product brand name  | SIRIUS                   |  |  |
|--|---|--------------------------|--|--|
| product type designation  manufacturer's article number  of the supplied contactor  of the supplied contactor  of the supplied circuit-breakers  of the supplied busbar adapter  of the supplied link module  SRA'921-2AA00  General technical data  size of the circuit-breaker  size of the circuit-breaker  size of sud feeder  power loss [W] for rated value of the current  other includes with degree of pollution 3 at AC rated value  without load current share typical  surge voltage resistance rated value  of kV  degree of protection NEMA rating  other  shock resistance according to IEC 60068-227  mechanical service life (operating cycles) of contactor typical  type of protection according to ATEX directive 2014/34/EU  type of protection according to ATEX directive 2014/34/EU  purificate of suitability according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  purificate | product designation   | Direct (on-line) starter |  |  |
| product type designation  manufacturer's article number  of the supplied contactor  of the supplied contactor  of the supplied circuit-breakers  of the supplied busbar adapter  of the supplied link module  SRA'921-2AA00  General technical data  size of the circuit-breaker  size of the circuit-breaker  size of sud feeder  power loss [W] for rated value of the current  other includes with degree of pollution 3 at AC rated value  without load current share typical  surge voltage resistance rated value  of kV  degree of protection NEMA rating  other  shock resistance according to IEC 60068-227  mechanical service life (operating cycles) of contactor typical  type of protection according to ATEX directive 2014/34/EU  type of protection according to ATEX directive 2014/34/EU  purificate of suitability according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  purificate | design of the product   |                          |  |  |
| manufacturer's article number  of the supplied contactor of the supplied contactor of the supplied busbar adapter of the supplied busbar adapter of the supplied link module 3RA2921-2AA00  General technical data size of the circuit-breaker size of toad feeder size of load feeder so power loss [W] for rated value of the current of the surge with degree of pollution 3 at AC rated value of the surge with degree of pollution 3 at AC rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment 2 type of protection according to ATEX directive 2014/34/EU preference code according to ATEX directive 2014/34/EU preference code according to IEC 81346-2:2019 Substance Prohibitance (Date) Ambient conditions ambient temperature of during shorage during transport of temperature compensation claim to temperature of during transport temperature compensation claim to the current directive design of the switching coperation 13 95 % Main circuit number of poles for main current circuit design of the switching contact dependent overload release operating voltage rated value  of the supplied contact agreement adjustable current response value current of the current- dependent overload release operating voltage rated value  of the supplied contact agreement adjustable current response value current of the current- dependent overload release operating voltage rated value   |   |                          |  |  |
| of the supplied circuit-breakers of the supplied busbar adapter of the supplied link module  SRA2921-2AA00  Ceneral technical data  size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of load feeder so opwor loss [W] for rated value of the current out that the control of the current operating of the supplied of the current of the current of the current of the current operating of the current of the current operating of the current operation of the current operating on the current operating on the current operating on the current operation of the current operation overload release operating voltage or attein on the current of the current operation overload release operating voltage or attein on the current operation overload release operating voltage or attein the current operation overload release operating voltage or attein the current of the current operation overload release operating voltage or attein voltage or attein the current of the current operation overload release operating voltage or attein voltage or attein the current of the current operation overload release operating voltage or attein voltage or attein the current of the current operating voltage or attein the current of the current operating voltage or attein the current of the current operating voltage or attein the current of the current  | manufacturer's article number                                     |                          |  |  |
| of the supplied busbar adapter     of the supplied link module     3RA2921-2AA00  Ceneral technical data  size of the circuit-breaker     slo size of load feeder     so power loss [W] for rated value of the current     * at AC in hot operating state per pole     * without load current share typical     insulation voltage with degree of pollution 3 at AC rated value     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27     inection NEMA rating     shock resistance according to IEC 60068-2-27     inechanical service life (operating cycles) of contactor typical     induction of protection according to ATEX directive 2014/34/EU     type of assignment         2         type of suitability according to ATEX directive 2014/34/EU         certificate of suitability according to ATEX directive 2014/34/EU         Substance Prohibitance (Date)  Ambient conditions  ambient temperature     * during peration     * during storage     * during transport   | <ul> <li>of the supplied contactor</li> </ul>                     | 3RT2027-2AP00            |  |  |
| of the supplied busbar adapter   | of the supplied circuit-breakers                                  | 3RV2021-4BA20            |  |  |
| So   Size of the circuit-breaker   So   So   | * *   | 8US1251-5NT11            |  |  |
| size of the circuit-breaker  size of load feeder  power loss [W] for rated value of the current  • at AC in hot operating state per pole • without load current share typical  insulation voltage with degree of pollution 3 at AC rated value  6 kV  degree of protection NEMA rating shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical type of assignment  2 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  Ambient conditions  amblent temperature • during operation • during storage • during transport  temperature compensation -20 +60 °C -50 +80 °C -   | of the supplied link module                                       | 3RA2921-2AA00            |  |  |
| size of load feeder  power loss [W] for rated value of the current  • at AC in hot operating state per pole  • without load current share typical  insulation voltage with degree of pollution 3 at AC rated value  680 V  surge voltage resistance rated value  6 kV  degree of protection NEMA rating  shock resistance according to IEC 60068-2-27  6g / 11 ms  mechanical service life (operating cycles) of contactor typical  type of assignment  2  type of protection according to ATEX directive 2014/34/EU  Ex II (2) GD  certificate of suitability according to ATEX directive 2014/34/EU  DMT 02 ATEX F 001  reference code according to IEC 81346-2:2019  Q  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  • during storage  • during transport  -50 +80 °C  temperature compensation  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  680 V   | General technical data  |                          |  |  |
| power loss [W] for rated value of the current  • at AC in hot operating state per pole • without load current share typical insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 690 V degree of protection NEMA rating other shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage • during transport -50 +80 °C • during transport -50 +80 °C temperature compensation relative humidity during operation 10 95 % 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  • adving voltage • rated value  680 V   | size of the circuit-breaker                                       | SO                       |  |  |
| at AC in hot operating state per pole without load current share typical insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value 6k V degree of protection NEMA rating shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000 type of assignment 2 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2:2019 Questance Prohibitance (Date) Ambient conditions ambient temperature during operation during storage during transport -50 +80 °C during transport -50 +80 °C temperature compensation relative humidity during operation 10 95 %  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  680 V   8 W  9.8 W                | size of load feeder   | S0                       |  |  |
| without load current share typical     insulation voltage with degree of pollution 3 at AC rated value     surge voltage resistance rated value     degree of protection NEMA rating     shock resistance according to IEC 60068-2-27     mechanical service life (operating cycles) of contactor typical     type of assignment     2     type of protection according to ATEX directive 2014/34/EU     certificate of suitability according to ATEX directive 2014/34/EU     porficate of suitability according to ATEX directive 2014/34/EU     porficate of suitability according to IEC 81346-2:2019     Q     Substance Prohibitance (Date)     Ambient conditions  ambient temperature     oduring operation     during storage     oduring transport     temperature compensation     relative humidity during operation     10 95 %  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   | power loss [W] for rated value of the current                     |                          |  |  |
| insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  degree of protection NEMA rating  shock resistance according to IEC 60068-2-27  fig / 11 ms  mechanical service life (operating cycles) of contactor typical  type of assignment  2  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  substance Prohibitance (Date)  Ambient conditions  ambient temperature  during operation  during storage  during transport  temperature compensation  relative humidity during operation  10 95 %  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  e v     | <ul> <li>at AC in hot operating state per pole</li> </ul>         | 5.8 W                    |  |  |
| surge voltage resistance rated value  degree of protection NEMA rating shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical type of assignment type of protection according to ATEX directive 2014/34/EU cretificate of suitability according to ATEX directive 2014/34/EU reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date)  Ambient conditions ambient temperature during operation during storage during transport temperature compensation relative humidity during operation  -20 +60 °C  -50 +80 °C  temperature compensation -20 +60 °C  relative humidity during operation  10 95 %  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  690 V  | without load current share typical                                | 9.8 W                    |  |  |
| degree of protection NEMA rating shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2:2019 Qustance Prohibitance (Date)  Ambient conditions  ambient temperature  | insulation voltage with degree of pollution 3 at AC rated value   | 690 V                    |  |  |
| shock resistance according to IEC 60068-2-27  feed assignment  type of assignment  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  preference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  during operation  during storage  during transport  temperature compensation  relative humidity during operation  allow 10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  rated value  e rated value  e for conditions  6 g/ 11 ms  10 000 000  10 000 000  Ex II (2) GD  DMT 02 ATEX F 001  DMT 02 ATEX F 001  Ex II (2) GD  DMT 02 ATEX F 001  Ex II (2) GD  DMT 02 ATEX F 001  Ex II (2) GD  DMT 02 ATEX F 001  Ex II (2) GD  DMT 02 ATEX F 001  Ex II (2) GD  DMT 02 ATEX F 001  Ex II (2) GD  Ex II      | surge voltage resistance rated value                              | 6 kV                     |  |  |
| mechanical service life (operating cycles) of contactor typical  type of assignment  2  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  pmt 02 ATEX F 001  reference code according to IEC 81346-2:2019  Q  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  • during storage  • during transport  -50 +80 °C  temperature compensation  -20 +60 °C  relative humidity during operation  10 95 %  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  | degree of protection NEMA rating                                  | other                    |  |  |
| type of assignment  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  pmt 02 ATEX F 001  reference code according to IEC 81346-2:2019  Quality and temperature  oldering operation  oldering storage  oldering storage  oldering transport  temperature compensation  relative humidity during operation  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  or rated value  extra (12) GD  DMT 02 ATEX F 001  Ex II (2) GD  E | shock resistance according to IEC 60068-2-27                      | 6g / 11 ms               |  |  |
| type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU pmt 02 ATEX F 001 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date)  Ambient conditions  ambient temperature  | mechanical service life (operating cycles) of contactor typical   | 10 000 000               |  |  |
| certificate of suitability according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation • during storage • during transport  temperature compensation relative humidity during operation  10 95 %  Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release  operating voltage • rated value  DMT 02 ATEX F 001 Q DMT 02 ATEX F 001      | type of assignment  | 2                        |  |  |
| reference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation  • during storage  • during transport  • during transport  -50 +80 °C  • temperature compensation  relative humidity during operation  10 95 %  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  0 10/01/2009  -20 +60 °C  | type of protection according to ATEX directive 2014/34/EU         | Ex II (2) GD             |  |  |
| Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation • during storage • during transport • during transport • during transport • c50 +80 °C  • temperature compensation relative humidity during operation  10 95 %  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  10/01/2009          | certificate of suitability according to ATEX directive 2014/34/EU | DMT 02 ATEX F 001        |  |  |
| Ambient conditions  ambient temperature  • during operation • during storage • during transport  -50 +80 °C  • during transport  -50 +80 °C  temperature compensation  -20 +60 °C  relative humidity during operation  10 95 %  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  690 V   | reference code according to IEC 81346-2:2019                      | Q                        |  |  |
| ambient temperature  • during operation  • during storage  • during transport  -50 +80 °C  • during transport  -50 +80 °C  temperature compensation  -20 +60 °C  relative humidity during operation  10 95 %  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  -20 +60 °C  -20 +80 °C  -20 +80 °C  -20 +80 °C  -20 +60 °C   | Substance Prohibitance (Date)                                     | 10/01/2009               |  |  |
| <ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>50 +80 °C</li> <li>temperature compensation</li> <li>20 +60 °C</li> <li>temperature compensation</li> <li>20 +60 °C</li> <li>relative humidity during operation</li> <li>95 %</li> <li>Main circuit</li> <li>design of the switching contact</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>690 V</li> </ul>   | Ambient conditions  |                          |  |  |
| <ul> <li>● during storage</li> <li>-50 +80 °C</li> <li>temperature compensation</li> <li>-20 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>o rated value</li> <li>690 V</li> </ul>   | ambient temperature   |                          |  |  |
| ■ during transport   | during operation  | -20 +60 °C               |  |  |
| temperature compensation  -20 +60 °C  relative humidity during operation  10 95 %  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  -20 +60 °C  3  -20 +60 °C  3  -20 +60 °C  13 95 %  | during storage  | -50 +80 °C               |  |  |
| relative humidity during operation  10 95 %  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  690 V  | during transport  | -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  Main circuit  3  electromechanical  13 20 A  690 V  | temperature compensation  | -20 +60 °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  o rated value  o rated value  3  electromechanical  13 20 A  690 V  | relative humidity during operation                                | 10 95 %                  |  |  |
| design of the switching contact  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  electromechanical  13 20 A  690 V   | Main circuit  |                          |  |  |
| adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  13 20 A  690 V   | number of poles for main current circuit                          | 3                        |  |  |
| dependent overload release  operating voltage  • rated value  690 V  | design of the switching contact                                   | electromechanical        |  |  |
| ● rated value 690 V  |   | 13 20 A                  |  |  |
|  | operating voltage   |                          |  |  |
| • at AC-3 rated value maximum 690 V  | • rated value   | 690 V                    |  |  |
|  | <ul> <li>at AC-3 rated value maximum</li> </ul>                   | 690 V                    |  |  |

| -t AO Ontd '  | 000.1/                                 |  |  |  |
|---|--|--|--|--|
| at AC-3e rated value maximum  | 690 V                                  |  |  |  |
| operating frequency rated value   | 50 60 Hz                               |  |  |  |
| operational current   |  |  |  |  |
| <ul><li>at AC-3 at 400 V rated value</li></ul>  | 20 A                                   |  |  |  |
| at AC-3e at 400 V rated value   | 20 A                                   |  |  |  |
| operating power   |  |  |  |  |
| • at AC-3   |  |  |  |  |
| — at 400 V rated value  | 7 500 W                                |  |  |  |
| • at AC-3e  |  |  |  |  |
| — at 400 V rated value  | 7 500 kW                               |  |  |  |
| Control circuit/ Control  |  |  |  |  |
| type of voltage of the control supply voltage   | AC                                     |  |  |  |
| control supply voltage at AC  |  |  |  |  |
| at 50 Hz rated value  | 230 V                                  |  |  |  |
| at 50 Hz rated value  | 230 230 V                              |  |  |  |
| apparent holding power of magnet coil at AC   | 9.8 VA                                 |  |  |  |
| • at 50 Hz  | 9.8 VA                                 |  |  |  |
| inductive power factor with the holding power of the coil   | 0.25                                   |  |  |  |
| • at 50 Hz  | 0.25                                   |  |  |  |
| Auxiliary circuit   |  |  |  |  |
| product extension auxiliary switch  | Yes                                    |  |  |  |
|   | 100                                    |  |  |  |
| Protective and monitoring functions   | 01 400 40                              |  |  |  |
| trip class  | CLASS 10                               |  |  |  |
| design of the overload release  | thermal (bimetallic)                   |  |  |  |
| response value current of instantaneous short-circuit trip unit   | 260 A                                  |  |  |  |
| UL/CSA ratings  |  |  |  |  |
| full-load current (FLA) for 3-phase AC motor  |  |  |  |  |
| at 480 V rated value  | 20 A                                   |  |  |  |
| at 600 V rated value  | 20 A                                   |  |  |  |
| yielded mechanical performance [hp]   |  |  |  |  |
| <ul> <li>for single-phase AC motor</li> </ul>   |  |  |  |  |
| — at 110/120 V rated value  | 1.5 hp                                 |  |  |  |
| — at 230 V rated value  | 3 hp                                   |  |  |  |
| • for 3-phase AC motor  |  |  |  |  |
| — at 200/208 V rated value  | 7.5 hp                                 |  |  |  |
| — at 220/230 V rated value  | 7.5 hp                                 |  |  |  |
| — at 460/480 V rated value  | 15 hp                                  |  |  |  |
| Short-circuit protection  |  |  |  |  |
| product function short circuit protection   | Yes                                    |  |  |  |
| design of the short-circuit trip  |  |  |  |  |
| conditional short-circuit current (Iq)  | magnetic                               |  |  |  |
| · ·   | 150 000 A                              |  |  |  |
| at 400 V according to IEC 60947-4-1 rated value    Installation / magnitude   Installation / magnitude   Installation / magnitude   Installation / Installation   Inst | 150 000 A                              |  |  |  |
| Installation/ mounting/ dimensions  |  |  |  |  |
| mounting position   | vertical                               |  |  |  |
| fastening method  | for snapping onto 60 mm busbar systems |  |  |  |
| height  | 260 mm                                 |  |  |  |
| width   | 45 mm                                  |  |  |  |
| depth   | 165 mm                                 |  |  |  |
| required spacing  |  |  |  |  |
| <ul> <li>for grounded parts</li> </ul>  |  |  |  |  |
| — forwards  | 20 mm                                  |  |  |  |
| — backwards   | 0 mm                                   |  |  |  |
| — upwards   | 50 mm                                  |  |  |  |
| — at the side   | 20 mm                                  |  |  |  |
| — downwards   | 10 mm                                  |  |  |  |
| • for live parts  |  |  |  |  |
| — forwards  | 20 mm                                  |  |  |  |
| — backwards   | 0 mm                                   |  |  |  |
| — upwards   | 50 mm                                  |  |  |  |
| — upwarus<br>— downwards  | 10 mm                                  |  |  |  |
| — uowiiwaius  | IV IIIII                               |  |  |  |

| — at the side   | 20 mm  |                                     |                           |  |
|---|--|-------------------------------------|---------------------------|--|
| Connections/ Terminals  |  |                                     |                           |  |
| type of electrical connection                                   |  |                                     |                           |  |
| for main current circuit  | spring-loaded terminals                          |                                     |                           |  |
| <ul> <li>for auxiliary and control circuit</li> </ul>           | spring-loaded terminals                          |                                     |                           |  |
| Safety related data   |  |                                     |                           |  |
| B10 value with high demand rate according to SN 31920           | 1 000 000  |                                     |                           |  |
| proportion of dangerous failures                                |  |                                     |                           |  |
| <ul> <li>with high demand rate according to SN 31920</li> </ul> | 73 %   |                                     |                           |  |
| touch protection on the front according to IEC 60529            | finger-safe, for vertical contact from the front |                                     |                           |  |
| Communication/ Protocol   |  |                                     |                           |  |
| protocol is supported   |  |                                     |                           |  |
| <ul> <li>PROFINET IO protocol</li> </ul>                        | No   |                                     |                           |  |
| PROFIsafe protocol  | No   |                                     |                           |  |
| protocol is supported AS-Interface protocol                     | No   |                                     |                           |  |
| Certificates/ approvals   |  |                                     |                           |  |
| General Product Approval  |  | For use in hazard-<br>ous locations | Declaration of Conformity |  |

Confirmation











**Test Certificates** 

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









Marine / Shipping





Confirmation

other

Vibration and Shock

Railway

**Environmental Confirmations** 

**Environment** 

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

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=3RA2120-4BH27-0AP0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2120-4BH27-0AP0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-4BH27-0APC

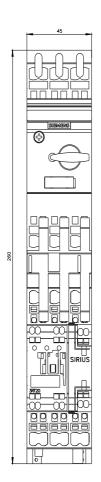
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

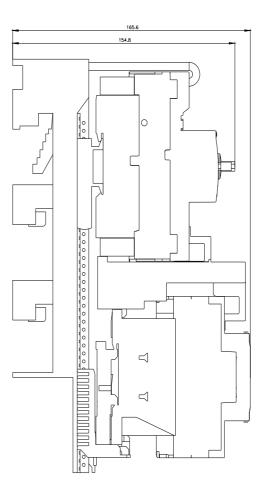
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2120-4BH27-0AP0&lang=en

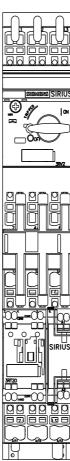
Characteristic: Tripping characteristics, I2t, Let-through current

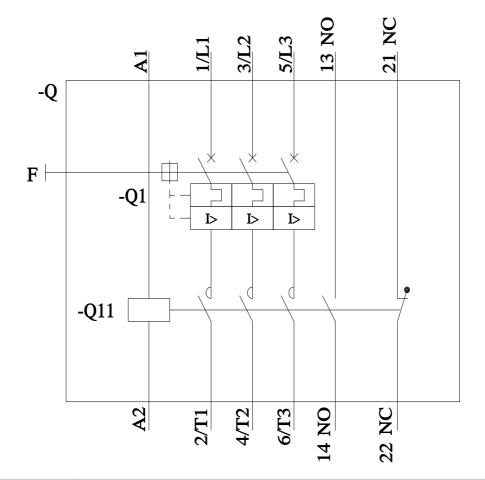
https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-4BH27-0AP0/char

Further characteristics (e.g. electrical endurance, switching frequency)
<a href="http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2120-4BH27-0AP0&objecttype=14&gridview=view1">http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2120-4BH27-0AP0&objecttype=14&gridview=view1</a>









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