## **Data sheet**

## 3RA2110-0GA15-1BB4



Load feeder fuseless, Direct-on-line starting 400 V AC, Size S00 0.45...0.63 A 24 V DC screw terminal for installation on standard mounting rail (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NO (contactor)

| product brand name  | SIRIUS                              |  |
|---|-------------------------------------|--|
| product designation   | Direct (on-line) starter            |  |
| design of the product   | for standard rail or screw mounting |  |
| product type designation  | 3RA21                               |  |
| manufacturer's article number   |                                     |  |
| <ul> <li>of the supplied contactor</li> </ul>   | <u>3RT2015-1BB41</u>                |  |
| <ul> <li>of the supplied circuit-breakers</li> </ul>                                    | 3RV2011-0GA10                       |  |
| <ul> <li>of the supplied link module</li> </ul>   | 3RA1921-1DA00                       |  |
| General technical data  |                                     |  |
| size of the circuit-breaker   | S00                                 |  |
| size of load feeder   | S00                                 |  |
| power loss [W] for rated value of the current   |                                     |  |
| <ul> <li>at AC in hot operating state per pole</li> </ul>                               | 2 W                                 |  |
| without load current share typical  | 4 W                                 |  |
| insulation voltage with degree of pollution 3 at AC rated value                         | 690 V                               |  |
| surge voltage resistance rated value  | 6 kV                                |  |
| 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                         | 30 000 000                          |  |
| 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)   | 10/01/2009                          |  |
| SVHC substance name   | Blei - 7439-92-1                    |  |
| Ambient conditions  |                                     |  |
| ambient temperature   |                                     |  |
| <ul> <li>during operation</li> </ul>  | -20 +60 °C                          |  |
| during storage  | -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  | 3                                   |  |
| design of the switching contact   | electromechanical                   |  |
| adjustable current response value current of the current-<br>dependent overload release | 0.45 0.63 A                         |  |
| operating voltage   |                                     |  |
| • rated value   | 690 V                               |  |
| • at AC-3 rated value maximum   | 690 V                               |  |

| product extension auxillary switch Protective and monitoring functions  trip class   |  | 000 1/                                |
|--|--|---------------------------------------|
| Separational current   |  |                                       |
| # # # AC-3 at 4 DV rated value   |  | 50 60 Hz                              |
| ## AIA-C3-se at 4.00 V rated value ## AIA-C3-se at  | •  |                                       |
| Operating power  |  |                                       |
| # at AC-3  |  | 0.63 A                                |
| - at 400 V rated value   |  |                                       |
| art AC-3e  |  |                                       |
|  | — at 400 V rated value   | 180 W                                 |
| Control signoral directiff Control  type of Voltage of the control supply voltage  of a related value  of a related value  of a value  of  | • at AC-3e   |                                       |
| type of voltage of the control supply voltage at DC  - risted value - risted valu |  | 180 kW                                |
| control supply voltage at DC   | Control circuit/ Control   |                                       |
| Failed value   | type of voltage of the control supply voltage  | DC                                    |
| rated value     Availary creat  Product extension auxillary switch  Protective and monitoring functions  trip class  CLASS 10  design of the overload release response value current of instantaneous short-circuit trip unit  ULCSA ratings  full-load current (FLA) for 3-phase AC motor     at 800 V rated value     at 600 V rated value     at 600 V rated value     at 600 V rated value     bord-circuit protection  Product function short circuit trip     oral dougle of the short-circuit trip     at 400 V according to IEC 60047-4-1 rated value     statistiation / mounting dimonsions  mounting position     vertical fastening method     legith     legith     informatical     sorew and snap-on mounting onto 35 mm DIN rail     legith     informatical       | control supply voltage at DC   |                                       |
| holding power of magnet coll at DC Auxillary circuit.  Product extension auxillary switch Prolective and monitoring functions  trip class design of the overload release response value current of instantaneous short-circuit trip unit UUCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 400 V according to IEC 60947-41 rated value  • at 400 V according to IEC 60947-41 rated value  Installation mounting dimensions  mounting position  vertical fastening method height 167 mm width 45 mm depth 97 mm required spacing • for grounded parts - forwards - upwards - upwards - upwards - at the side - 20 mm - downwards - at the side - Upwards - or forwards - upwards - or me - downwards - or me - or me side - or me - o | rated value  | 24 V                                  |
| Auxiliary circuit product extension auxiliary switch Protective and monitoring functions  trip class dosign of the overload release tresponse value current of instantaneous short-circuit trip unit ULCSA strings  full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 400 V according to IEC 60947-4-1 rated value • at 400 V according to IEC 60947-4-1 rated value • at 400 V according to IEC 60947-4-1 rated value • at 600 V rated value • at 6 | rated value  | 24 24 V                               |
| product extension auxiliary switch Protective and monitoring functions trip class  design of the overload release response value current of instantaneous short-circuit trip unit UICSA ratings  full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V ra | holding power of magnet coil at DC   | 4 W                                   |
| Trip class CLASS 10 design of the overload release thermal (bimetallic) response value current of instantaneous short-circuit tip unit 8.2 A  UUCSA ratings  Full-load current (FLA) for 3-phase AC motor  • at 480 V rated value 0.83 A • at 600 V rated value 0.83 A  • at 600 V rated value 0.83 A  Short-circuit protection  Product function short circuit protection 4.00 A a and a short-circuit trip 5.00 A a and 4.00 V according to EC 60047.4-1 rated value 150.000 A  Installation/mounting/ dimensions  mounting position vertical 5.00 A and shapp-on mounting onto 35 mm DIN rail 6.00 A and 6.00 And 6 | Auxiliary circuit  |                                       |
| trip class design of the overload release response value current of instantaneous short-circuit trip unit  ULICISA ratings  full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value  stort-circuit protection product function short circuit protection yes design of the short-circuit current (Iq) • at 480 V according to lie C 60947-4-1 rated value  150 000 A  Installation mounting dimensions  mounting position fastening method sorew and snap-on mounting onto 35 mm DIN rail height 167 mm width depth 97 mm required spacing • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards • beckwards — ownwards • for live parts — forwards — at the side — downwards — upwards • for forwards — ownwards — of for live parts — forwards — ownwards — ownw | product extension auxiliary switch   | Yes                                   |
| design of the overload release response value current of instantaneous short-circuit trip unit  ### ### ### ### ### ### ### ### ### #  | Protective and monitoring functions  |                                       |
| response value current of instantaneous short-circuit trip unit ULCSA ratings  Ill-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 500 V rated value  bronz-circuit protection  product function short circuit protection  yes  design of the short-circuit current (q)  • at 400 V according to IEC 60947-4-1 rated value  150 000 A  Installation/ mounting/ dimensions  mounting position  fastening method  screw and snap-on mounting onto 35 mm DIN rail  height  vidth  depth  97 mm  required spacing  • for grounded parts  — forwards — backwards — upwards — at the side — downwards  • for live parts — forwards — ownwards — upwards — backwards — ownwards — to five parts — forwards — ownwards — to made — downwards — to made — downwards — to made — to made — the side — downwards — to made — the side — the sid | trip class   | CLASS 10                              |
| response value current of instantaneous short-circuit trip unit ULCSA ratings  Ill-load current (FLA) for 3-phase AC motor  • at 480 V rated value  • at 500 V rated value  bronz-circuit protection  product function short circuit protection  yes  design of the short-circuit current (q)  • at 400 V according to IEC 60947-4-1 rated value  150 000 A  Installation/ mounting/ dimensions  mounting position  fastening method  screw and snap-on mounting onto 35 mm DIN rail  height  vidth  depth  97 mm  required spacing  • for grounded parts  — forwards — backwards — upwards — at the side — downwards  • for live parts — forwards — ownwards — upwards — backwards — ownwards — to five parts — forwards — ownwards — to made — downwards — to made — downwards — to made — to made — the side — downwards — to made — the side — the sid | design of the overload release   | thermal (bimetallic)                  |
| ### Control of Part Part   |  |                                       |
| full-load current (FLA) for 3-phase AC motor  at 480 V rated value at 800 V rated value be at 800 V rated value 0.63 A  Short-circuit protection  product function short-circuit trop design of the short-circuit current (Iq) at 400 V according to IEC 80947-4-1 rated value Installation/mounting/dimensions  mounting position vertical fastening method fastening method fastening method screw and snap-on mounting onto 35 mm DIN rail height for grounded parts forwards for grounded parts forwards upwards at the side downwards for live parts for live parts forwards for live parts forwards downwards for mm downwards downwards for mm downw | UL/CSA ratings   |                                       |
| at 480 V rated value bit 60 V rated value conditions short circuit protection product function short circuit trip conditional short-circuit trip conditional short-circuit trip at 400 V according to IEC 60947-4-1 rated value Installation/mounting/ dimensions mounting position vertical fastening method screw and snap-on mounting onto 35 mm DIN rail height for grounded parts for grounded part  |  |                                       |
| Short-circuit protection  product function short circuit tryp  design of the short-circuit tryp  • at 400 V according to IEC 60947-4-1 rated value  150 000 A  Installation/ mounting/ dimensions  mounting position  fastening method  screw and snap-on mounting onto 35 mm DIN rail  height  vioth  45 mm  depth  97 mm  required spacing  • for grounded parts  — forwards — upwards — at the side — downwards — obackwards — obackwards — obackwards — obacwards — obackwards — obackwards — of rorive parts — for vards — obackwards — obackwards — obackwards — obackwards — obackwards — obackwards — ob mm  • for live parts — for wards — obackwards — o |  | 0.63 A                                |
| Short-circuit protection  product function short circuit tryp  design of the short-circuit tryp  • at 400 V according to IEC 60947-4-1 rated value  150 000 A  Installation/ mounting/ dimensions  mounting position  fastening method  screw and snap-on mounting onto 35 mm DIN rail  height  vioth  45 mm  depth  97 mm  required spacing  • for grounded parts  — forwards — upwards — at the side — downwards — obackwards — obackwards — obackwards — obacwards — obackwards — obackwards — of rorive parts — for vards — obackwards — obackwards — obackwards — obackwards — obackwards — obackwards — ob mm  • for live parts — for wards — obackwards — o |  |                                       |
| product function short circuit trip design of the short-circuit trip   |  |                                       |
| design of the short-circuit turpen (Iq)  • at 400 V according to IEC 60947-4-1 rated value  150 000 A  Installation/ mounting/ dimensions  mounting position  fastening method height width 45 mm width 45 mm  depth  • for grounded parts — at the side — downwards — upwards — for live parts — forwards — upwards — downwards — downwards — upwards — of main current circuit — at the side — at the side — or mounting — or minerations  Connections/ Terminals  type of electrical connection • for awililary and control circuit  For worth of the man according to SN 31920 proportion of dangerous failures • with high demand rate according to SN 31920 • with high demand rate according to ISC 60529  **Experimental of the vertical contact from the front according to ISC 60529  **Installation of American and support and the for vertical contact from the front according to ISC 60529  **Installation of American and support and the form the front according to ISC 60529  **Installation of American and support and the form the front according to ISC 60529  **Installation of American and support and the form the front according to ISC 60529  **Installation mounting (Installation of American the front according to ISC 60529)  **Installation mounting (Installation of Vertical contact from the front according to ISC 60529)  **Installation mounting of ISC 60529  **Installation mounting on Installation of Vertical contact from the front according to ISC 60529  |  | Yes                                   |
| conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting y dimensions  mounting position  fastening method  screw and snap-on mounting onto 35 mm DIN rail  height  vertical  167 mm  vidth  45 mm  depth  required spacing  • for grounded parts  — forwards — backwards — upwards — at the side — downwards — of live parts — for live parts — for live parts — forwards — upwards — ownwards — upwards — ownwards  |  |                                       |
| • at 400 V according to IEC 60947-4-1 rated value Instalation mounting dimensions  mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail height lf67 mm width depth 97 mm  required spacing  • for grounded parls — forwards — backwards — at the side — downwards — for live parts — forwards — backwards — bowneds — downwards — owneds — owned owneds — owneds — owned owneds —  |  | magnetic                              |
| mounting position screw and snap-on mounting onto 35 mm DIN rail height screw and snap-on mounting onto 35 mm DIN rail height setting method 45 mm screw and snap-on mounting onto 35 mm DIN rail height setting method 45 mm screw-lype terminals screw-lype terminals setting method screw-lype terminals setting method setting method setting method setting setting to SN 31920 proportion of dangerous fallers setting setting setting setting to Sn singer-safe, for vertical contact from the front set of some screw-lype state of the form of the first set of singer-safe, for vertical contact from the front set of singer-safe, for vertical contact fro | · ·  | 150 000 A                             |
| mounting position vertical  fastening method screw and snap-on mounting onto 35 mm DIN rail height 167 mm  width 45 mm  depth 97 mm  required spacing  • for grounded parts  — forwards — backwards — ownwards — at the side — downwards — for live parts — for nowards — backwards — backwards — ownwards — 10 mm  • for live parts — for wards — at the side — backwards — ownwards — to mm  • for live parts — forwards — at the side — to mm  — backwards — ownwards — to mm  — to mm  — to mm  — ownwards — ownwards — to mm  — ownwards — ownwards — to mm  — ownwards — to mm  — to mm  So mm  For main current circuit — for auxiliary and control circuit  Sorew-type terminals  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  flood touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front  |  | 100 000 71                            |
| fastening method screw and snap-on mounting onto 35 mm DIN rail height 167 mm width 45 mm depth 97 mm required spacing  • for grounded parts  — forwards 20 mm — upwards 50 mm — at the side 20 mm — downwards 10 mm — for rowards 20 mm — abackwards 20 mm — at the side 20 mm — downwards 10 mm  • for live parts — forwards 20 mm — backwards 0 mm — backwards 10 mm  • for min current oricuit screw-type terminals  **Tormain current oricuit screw-type terminals  **Safety related data  **B10 value with high demand rate according to SN 31920 10 000 000  **Tormin or the front according to SN 31920 73 % touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front   |  | vertical                              |
| height 45 mm  width 45 mm  depth 97 mm  required spacing  • for grounded parts  — forwards 20 mm  — backwards 0 mm  — at the side 20 mm  • for live parts  — forwards 20 mm  • for live parts  — howards 20 mm  • for live parts  — downwards 0 mm  • for live parts  — downwards 0 mm  — at the side 20 mm  • for administry of the side 10 mm  • for live parts  — forwards 20 mm  — abackwards 0 mm  — abackwards 10 mm  — at the side 20 mm  Connections/ Terminals  type of electrical connection  • for main current circuit screw-type terminals  • for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 73 %  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front  |  |                                       |
| width 45 mm  depth 97 mm  required spacing  • for grounded parts  — forwards 20 mm  — backwards 0 mm  — at the side 20 mm  — downwards 10 mm  • for live parts  — forwards 20 mm  — backwards 0 mm  • at the side 20 mm  — downwards 10 mm  • for live parts  — forwards 20 mm  — backwards 0 mm  — backwards 10 mm  — the side 20 mm  — commands 10 mm  — the side 20 mm  Connections/ Terminals  type of electrical connection  • for main current circuit screw-type terminals  • for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures  • with high demand rate according to IEC 60529 finger-safe, for vertical contact from the front   |  |                                       |
| required spacing   |  |                                       |
| required spacing  • for grounded parts  — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — of maxing — at the side — downwards • for live parts — forwards — backwards — upwards — backwards — upwards — upwards — upwards — 10 mm — upwards — at the side — 20 mm  Connections/ Terminals  type of electrical connection • for auxiliary and control circuit • for auxiliary and control circuit  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  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front  |  |                                       |
| • for grounded parts  — forwards — backwards — upwards — at the side — downwards — for live parts — for live parts — backwards — o mm  • for live parts — backwards — upwards — backwards — upwards — backwards — upwards — upwards — upwards — upwards — at the side — 20 mm  — downwards — upwards — o mm — o | <u> </u>   | 97 111111                             |
| - 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 - backwards 0 mm - upwards 50 mm - downwards 10 mm - at the side 20 mm - convexions 50 mm - upwards 50 mm - downwards 10 mm - at the side 20 mm  Connections/ Terminals  type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures • with high demand rate according to IEC 60529 finger-safe, for vertical contact from the front  |  |                                       |
| - backwards 0 mm - upwards 50 mm - at the side 20 mm - downwards 10 mm  • for live parts - forwards 20 mm - backwards 0 mm - backwards 10 mm - upwards 50 mm - upwards 50 mm - upwards 10 mm - at the side 20 mm  Connections/ Terminals  type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures • with high demand rate according to IEC 60529 finger-safe, for vertical contact from the front   |  | 20 mm                                 |
| - upwards 50 mm - at the side 20 mm - downwards 10 mm  • for live parts - forwards 20 mm - backwards 0 mm - upwards 50 mm - upwards 50 mm - downwards 10 mm - at the side 20 mm  Connections/ Terminals  type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures • with high demand rate according to SN 31920 73 %  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front  |  |                                       |
| at the side 20 mm downwards 10 mm  • for live parts forwards 20 mm backwards 0 mm upwards 50 mm downwards 10 mm at the side 20 mm  Connections/ Terminals  type of electrical connection • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures • with high demand rate according to IEC 60529 finger-safe, for vertical contact from the front  |  |                                       |
| - downwards  • for live parts  - forwards  - backwards  - upwards  - downwards  - downwards  - at the side  Connections/ Terminals  type of electrical connection  • for main current circuit  • for auxiliary and control circuit  B10 value with high demand rate according to SN 31920  touch protection on the front according to IEC 60529  10 mm  10 mm  20 mm  20 mm  crew-type terminals  screw-type terminals  10 000 000  1000   | •  |                                       |
| for live parts         — forwards         — backwards         — upwards         — downwards         — at the side  Connections/ Terminals  type of electrical connection         • for main current circuit         • for auxiliary and control circuit  B10 value with high demand rate according to SN 31920  rough for the formation on the front according to IEC 60529  for vertical contact from the front  1 0 mm  20 mm  20 mm  Screw-type terminals  screw-type terminals  1 000 000  1 000 000  1 000 000  1 000 000   |  |                                       |
| - forwards 20 mm - backwards 0 mm - upwards 50 mm - downwards 10 mm - at the side 20 mm  Connections/ Terminals  type of electrical connection  • for main current circuit screw-type terminals • for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures • with high demand rate according to SN 31920 73 %  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front   |  | 10 111111                             |
| - backwards - upwards - downwards - downwards - at the side 20 mm  Connections/ Terminals  type of electrical connection  • for main current circuit • for auxiliary and control circuit  screw-type terminals  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  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front   | ·  | 20                                    |
| - upwards - downwards - at the side  Connections/ Terminals  type of electrical connection  • for main current circuit • for auxiliary and control circuit  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  touch protection on the front according to IEC 60529  10 mm  20 mm  Screw-type terminals  screw-type terminals  10 mm  10 mm |  |                                       |
| - downwards - at the side 20 mm  Connections/ Terminals  type of electrical connection   |  |                                       |
| — at the side 20 mm  Connections/ Terminals  type of electrical connection  • for main current circuit screw-type terminals  • for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures  • with high demand rate according to SN 31920 73 %  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front   | •  |                                       |
| type of electrical connection  • for main current circuit • for auxiliary and control circuit  B10 value with high demand rate according to SN 31920  proportion of dangerous failures • with high demand rate according to SN 31920  touch protection on the front according to IEC 60529  type terminals  screw-type terminals  1 000 000  1 000 000  73 %  finger-safe, for vertical contact from the front   |  |                                       |
| type of electrical connection  • for main current circuit • for auxiliary and control circuit  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  touch protection on the front according to IEC 60529  screw-type terminals  1 000 000  1 000 000  73 %  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front  |  | 20 mm                                 |
| for main current circuit screw-type terminals     for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures     with high demand rate according to SN 31920 73 %  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front   |  |                                       |
| for auxiliary and control circuit screw-type terminals  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures      with high demand rate according to SN 31920 73 %  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front  |  |                                       |
| B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures  • with high demand rate according to SN 31920 73 %  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front   | type of electrical connection  |                                       |
| B10 value with high demand rate according to SN 31920  proportion of dangerous failures  • with high demand rate according to SN 31920  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front   | type of electrical connection • for main current circuit   |                                       |
| proportion of dangerous failures  ■ with high demand rate according to SN 31920  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front  | type of electrical connection  | **                                    |
| <ul> <li>with high demand rate according to SN 31920</li> <li>touch protection on the front according to IEC 60529</li> <li>finger-safe, for vertical contact from the front</li> </ul>  | type of electrical connection  |                                       |
| touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front  | type of electrical connection  | screw-type terminals                  |
|  | type of electrical connection  | screw-type terminals                  |
| Communication/ Protocol  | type of electrical connection     • for main current circuit     • for auxiliary and control circuit  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures   | screw-type terminals  1 000 000       |
|  | type of electrical connection     • for main current circuit     • for auxiliary and control circuit  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  touch protection on the front according to IEC 60529 | screw-type terminals  1 000 000  73 % |

### 

Certificates/ approvals

**General Product Approval** 

For use in hazardous locations

**Declaration of Conformity** 

Confirmation











**Test Certificates** 

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









Marine / Shipping

other

Railway

**Dangerous Good** 







Confirmation

Vibration and Shock

**Transport Information** 

#### 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,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2110-0GA15-1BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-0GA15-1BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0GA15-1BB4

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

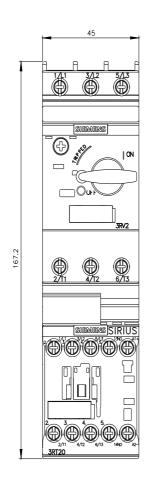
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2110-0GA15-1BB4\&lang=en}}$ 

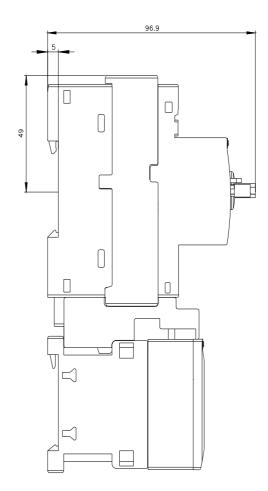
Characteristic: Tripping characteristics, I2t, Let-through current

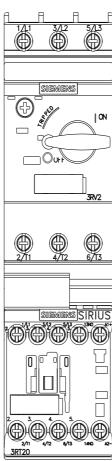
https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0GA15-1BB4/char

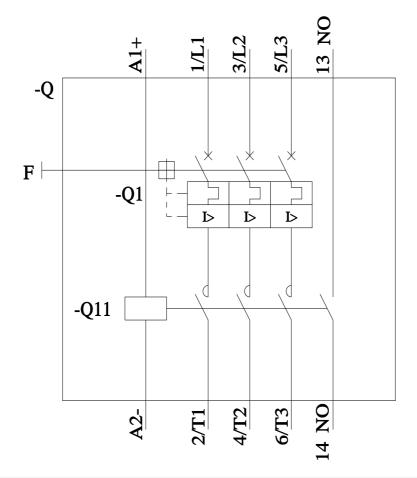
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-0GA15-1BB4&objecttype=14&gridview=view1









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