3RA2210-0EA15-2AP0

Data sheet



Load feeder fuseless, Reversing duty 400 V AC, Size S00 0.28...0.40 A 230 V AC screw terminal for installation on standard mounting rail (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NC (contactor)

| product designation design of the product for standard rail or screw mounting product type designation sprace type designation sprace type designation of the supplied contactor of the supplied contactor of the supplied contactor of the supplied link module sprace of the supplied link module spra | product brand name | SIRIUS |
|--|---|-------------------------------------|
| product type designation manufacturer's article number of the supplied contactor of the supplied circuit-breakers of the supplied link module 3RA1921-1DA00 Ceneral technical data size of the circuit-breaker size of the surplied size of solution of the circuit-breaker size of the circuit-breaker size of the surplied size of solution of the circuit-breaker size of the surplied size of the circuit-breaker size of the switching contact design of the switching contact design of the switching contact size of the switching contact design of the switching contact size of the circuit-breaker size of the switching contact size of the circuit-breaker size of the surplied size of th | product designation | Reversing starter |
| product type designation manufacturer's article number of the supplied contactor of the supplied circuit-breakers of the supplied link module 3RA1921-1DA00 Ceneral technical data size of the circuit-breaker size of the surplied size of solution of the circuit-breaker size of the circuit-breaker size of the surplied size of solution of the circuit-breaker size of the surplied size of the circuit-breaker size of the switching contact design of the switching contact design of the switching contact size of the switching contact design of the switching contact size of the circuit-breaker size of the switching contact size of the circuit-breaker size of the surplied size of th | design of the product | for standard rail or screw mounting |
| of the supplied circuit-breakers of the supplied circuit-breakers of the supplied link module SRA1921-IDA00 General technical data size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of load feeder power loss IWJ for rated value of the current out AC in hot operating state per pole without load current share typical surge voltage resistance rated value surge voltage resistance rated value of kV degree of protection NEMA rating shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical stype of assignment type of protection according to ATEX directive 2014/34/EU preference code according to ATEX directive 2014/34/EU preference code according to BEC 81346-2:2019 Qusubstance Prohibitance (Date) Ambient conditions ambient temperature during storage during storage during transport temperature compensation - 20 +60 °C relative humidity during operation - 20 +60 °C - 40 °C - | | 3RA22 |
| of the supplied circuit-breakers of the supplied link module 3RA1921-1DA00 Ceneral technical data size of the circuit-breaker size of load feeder power loss [W] for rated value of the current ot AC in hot operating state per pole without load current share typical 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 assignment verefrence code according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to IEC 81346-2:2019 Q Substance Prohibitance (Date) Ambient conditions ambient temperature of during storage of during transport temperature compensation current response value current of the current-dependent overload release operating voltage or rated value or tack-of-conditions AC of the supplied circuit-breakers as SRA1921-1DA00 3RA1921-1DA00 3RA1921-1DA00 SRA1921-1DA00 SRA1921-1DA0 | manufacturer's article number | |
| of the supplied link module General technical data size of the circuit-breaker size of the circuit-breaker size of load feeder soo power loss [W] for rated value of the current at AC in hot operating state per pole without load current share typical surge voltage resistance rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 gp/11 ms mechanical service life (operating cycles) of contactor typical type of assignment type of assignment 2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation during storage during transport defining storage during transport temperature compensation 20+60 °C temperature compensation design of the switching contact deging of the switching contact design of the switching contact deging of the switching contact design of the switching contact deging of the switching contact design of the switching conta | of the supplied contactor | 3RT2015-1AP02 |
| 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 surge voltage resistance rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 shock resistance according to IEC 60068-2-27 degree of protection according to IEC 60068-2-27 degree of protection according to IEC 60068-2-27 degree of protection according to ATEX directive 2014/34/EU type of assignment 2 2 2 2 2 2 2 2 2 2 2 2 2 | of the supplied circuit-breakers | 3RV2011-0EA10 |
| 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 surge voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 680 V degree of protection NEMA rating shock resistance according to IEC 60068-2-27 69 /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 Qubitance Prohibitance (Date) Ambient conditions ambient temperature during operation during storage during transport during transport temperature compensation 20 +60 °C -50 +80 °C temperature compensation 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 a taC3 rated value at AC.3 rated value maximum 500 200 2 W 2 W 4 W 4 W 4 W 4 W 4 W 4 W | | 3RA1921-1DA00 |
| 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 4.2 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 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 2 Ex II (2) GD 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 -20 +60 °C -50 +80 °C -50 +80 °C -50 +80 °C -50 +80 °C -50 +60 °C -60 or 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 - at AC-3 rated value maximum -500 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 66 kV degree of protection NEMA rating other shock resistance according to IEC 60068-2-27 69 / 11 ms mechanical service life (operating cycles) of contactor typical 10 ype of assignment 2 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 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 Ambient conditions amblent temperature • during operation • during storage • during storage • 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 • at AC-3 rated value maximum 690 V • at AC-3 rated value maximum 9 W | size of the circuit-breaker | S00 |
| 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 ∨ surge voltage resistance rated value 66k ∨ 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 100 0000000000000000000000000000000000 | size of load feeder | S00 |
| 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 seg / 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 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation during storage during transport during storage during transport during indiges during transport relative humidity during operation 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 design of the switching contact adjustable value maximum support of the switching contact adjustable value maximum design of the switching contact adjustable value maximum support 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 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 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 electromechanical adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum | at AC in hot operating state per pole | 2 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 30 000 000 type of assignment 2 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU 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 -20 +60 °C 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 • at AC-3 rated value maximum 690 V | without load current share typical | 4.2 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 DMT 02 ATEX F 001 reference code according to IEC 81346-2:2019 Qu Substance Prohibitance (Date) Ambient conditions ambient temperature during operation during storage during transport temperature compensation relative humidity during operation 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 rated value e at AC-3 rated value maximum experiments doulong 10 ms single current of the current-dependent overload release operating voltage e rated value e at AC-3 rated value maximum experiments doulong 10 ms single current of the current-dependent overload release operating voltage e rated value experiments experiments experiments figure 11 ms and 00 00 00 00 00 00 00 00 00 00 00 00 00 | insulation voltage with degree of pollution 3 at AC rated value | 690 V |
| 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 Ambient conditions ambient temperature | 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 preference code according to IEC 81346-2:2019 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage • 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 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 20 460 V 690 V | degree of protection NEMA rating | other |
| type of assignment type of protection according to ATEX directive 2014/34/EU type of protection according to ATEX directive 2014/34/EU 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 storage • during transport • during transport • compensation • comp | 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 preference code according to IEC 81346-2:2019 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage • during transport temperature compensation -20 +60 °C • during transport -50 +80 °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 • at AC-3 rated value maximum Ex II (2) GD DMT 02 ATEX F 001 DMT 02 ATEX F 001 DMT 02 ATEX F 001 Ex II (2) GD DMT 02 ATEX F 001 Call (2) GD DMT 02 ATEX F 001 Call (2) GD DMT 02 ATEX F 001 Toll (2) GD T | mechanical service life (operating cycles) of contactor typical | 30 000 000 |
| 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 | 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 • 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 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 10/01/2009 10/01/2009 20 +60 °C -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 • -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 • at AC-3 rated value maximum 10/01/2009 1 | 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 • during transport • 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 • at AC-3 rated value maximum -20 +60 °C -50 +80 °C - | 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 • at AC-3 rated value maximum -20 +60 °C -50 +80 °C -50 +80 °C -50 +80 °C -20 +60 °C - | Substance Prohibitance (Date) | 10/01/2009 |
| during operation during storage during transport 50 +80 °C temperature compensation 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 electromechanical adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum 690 V | Ambient conditions | |
| 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 at AC-3 rated value maximum 690 V | 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 • at AC-3 rated value maximum -20 +60 °C 10 95 % 8 electromechanical 0.28 0.4 A 690 V | during storage | -50 +80 °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- dependent overload release operating voltage • rated value • at AC-3 rated value maximum 10 95 % 8 0 95 % | 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 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 • at AC-3 rated value maximum design of the switching contact electromechanical 0.28 0.4 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 • at AC-3 rated value maximum electromechanical 0.28 0.4 A 690 V | Main circuit | |
| adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum 0.28 0.4 A 690 V | number of poles for main current circuit | 3 |
| dependent overload release operating voltage • rated value 690 V • at AC-3 rated value maximum 690 V | design of the switching contact | electromechanical |
| rated value at AC-3 rated value maximum 690 V 690 V | | 0.28 0.4 A |
| • at AC-3 rated value maximum 690 V | operating voltage | |
| | • rated value | 690 V |
| • at AC-3e rated value maximum 690 V | • at AC-3 rated value maximum | 690 V |
| | at AC-3e rated value maximum | 690 V |

| operating frequency rated value | 50 60 Hz |
|---|--|
| operational current | |
| at AC-3 at 400 V rated value | 0.4 A |
| at AC-3e at 400 V rated value | 0.4 A |
| operating power | |
| • at AC-3 | |
| — at 400 V rated value | 90 W |
| • at AC-3e | |
| — at 400 V rated value | 90 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 |
| at 60 Hz rated value | 230 V |
| at 60 Hz rated value | 230 230 V |
| apparent holding power of magnet coil at AC | 4.2 VA |
| • at 50 Hz | 4.2 VA |
| • at 60 Hz | 3.3 VA |
| inductive power factor with the holding power of the coil | 0.25 |
| • at 50 Hz | 0.25 |
| • at 60 Hz | 0.25 |
| Auxiliary circuit | |
| product extension auxiliary switch | Yes |
| Protective and monitoring functions | |
| trip class | CLASS 10 |
| design of the overload release | thermal (bimetallic) |
| response value current of instantaneous short-circuit trip unit | 5.2 A |
| UL/CSA ratings | |
| full-load current (FLA) for 3-phase AC motor | |
| at 480 V rated value | 0.4 A |
| at 600 V rated value | 0.4 A |
| Short-circuit protection | |
| product function short circuit protection | Yes |
| | |
| design of the short-circuit trip | magnetic |
| design of the short-circuit trip conditional short-circuit current (Iq) | · |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value | magnetic 150 000 A |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions | 150 000 A |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position | 150 000 A vertical |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method | vertical screw and snap-on mounting onto 35 mm DIN rail |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 10 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 10 mm 10 mm 10 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — backwards • for live parts — forwards — backwards | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 10 mm 10 mm 32 mm 0 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — backwards — upwards — torwards — torwards — backwards — upwards — torwards — backwards — upwards | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 10 mm 10 mm 10 mm 10 mm 0 mm 50 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions 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 downwards for live parts downwards upwards downwards | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions 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 downwards for lowards at the side downwards downwards at the side | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 10 mm 10 mm 10 mm 10 mm 0 mm 50 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions 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 — backwards — downwards — of orwards — backwards — at the side — downwards — backwards — upwards — at the side Connections/ Terminals | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — backwards — backwards — downwards • at the side — downwards — backwards — backwards — backwards — at the side Connections/ Terminals type of electrical connection | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm |
| design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions 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 — backwards — downwards — of orwards — backwards — at the side — downwards — backwards — upwards — at the side Connections/ Terminals | vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm |

| 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 |
| Communication/ Protocol | |
| protocol is supported | |
| PROFINET IO protocol | No |
| PROFIsafe protocol | No |
| protocol is supported AS-Interface protocol | No |
| 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







Confirmation

Vibration and Shock

Further informatior

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=3RA2210-0EA15-2AP0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2210-0EA15-2AP0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0EA15-2AP0

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

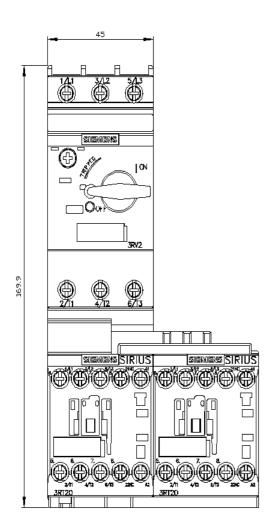
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2210-0EA15-2AP0\&lang=en}}$

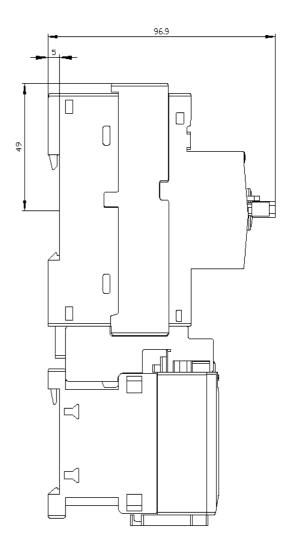
Characteristic: Tripping characteristics, I²t, Let-through current

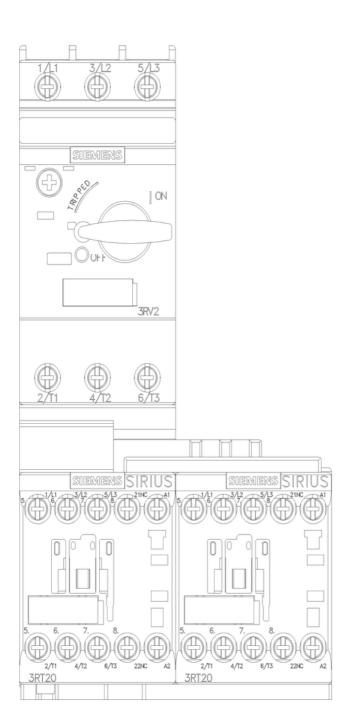
https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0EA15-2AP0/char

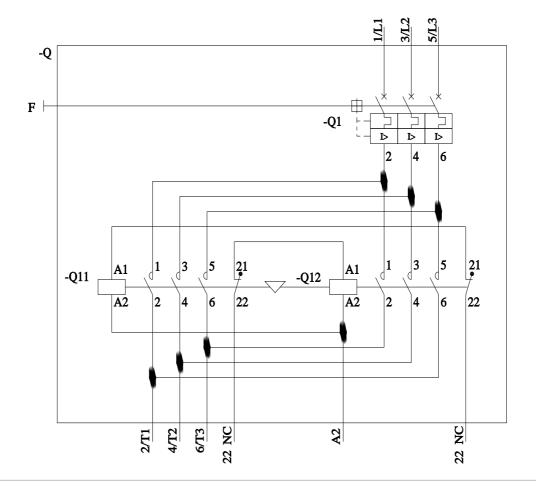
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-0EA15-2AP0&objecttype=14&gridview=view1









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