SIEMENS

Data sheet

3RA2110-1FA15-1AP6



Fuseless motor starter Direct start 600VAC Size S00 3.5-5A 220/240VAC 50/60HZ screw connection For screw mounting Or 35 mm rail-mounting Type of coordination 1 1NO (contactor)

| design of the product direct starter | product brand name | SIRIUS |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------|
| manufacturer's article number • of the supplied contactor • of the supplied contactor • of the supplied contactor • of the supplied link module 3RA1921-1DA00 General technical data size of the circuit-breaker size of load feeder product extension auxiliary switch result of the circuit-breaker size of load feeder product extension auxiliary switch result of the circuit-breaker result of the circuit-breaker size of load feeder soo product extension auxiliary switch result of the circuit-breaker result of the circuit-breaker size of load feeder soo product extension auxiliary switch result of the circuit of the switching cycles) of contactor typical number of poles for main current circuit of the current-dependent overload release operating voltage result of the switching contact adjustable current response value current of the current-dependent overload release operating voltage result of the switching contact adjustable current response value current of the current-dependent overload release operating voltage result of the switching contact adjustable current at AC-3 at 400 V rated value operating power at AC-3 et at 400 V rated value 1 500 W 2 200 W Control circuit/ Control control supply voltage at AC | product designation | non-fused motor starter 3RA2 |
| of the supplied circuit-breakers of the supplied link module of the supplied link module size of the circuit-breaker size of the circuit-breaker size of load feeder product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value degree of pollution surge voltage resistance rated value degree of pollution surge voltage resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical surge voltage resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical surge voltage resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical substitution to IEC 60068-2-27 ambient temperature during operation during storage during transport Andic control struction Main circuit substitution contact adjustable current response value current of the current-dependent overload release operating voltage rated value al AC-3 rated value maximum 690 V operating frequency rated value operating frequency rated value operating power at AC-3 • at 400 V rated value at 500 V rated value at 500 V rated value at 500 V rated value control supply voltage at AC | design of the product | direct starter |
| of the supplied circuit-breakers of the supplied link module 3RA1921-1DA00 General technical data size of the circuit-breaker size of load feeder product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 1 Ambient conditions ambient temperature • during operation • during storage • during storage • during storage • during transport Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • at AC-3 rated value maximum operational current at AC-3 • at 400 V rated value • at 500 V rated value | manufacturer's article number | |
| of the supplied link module Size of the circuit-breaker size of the circuit-breaker size of load feeder product extension auxillary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment Ambient conditions ambient temperature • during operation • during storage • during storage • during transport Assign of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • control circuit/ Control control supply voltage at AC | of the supplied contactor | 3RT2015-1AP61 |
| size of the circuit-breaker S00 size of load feeder S00 product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value 6k V shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical 1 type of assignment 1 Ambient conditions ambient temperature • during operation -20 +60 °C • during transport -55 +80 °C Main circuit number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage • at AC-3 rated value maximum 690 V operating frequency rated value 50 60 Hz operating power at AC-3 • at 400 V rated value 1500 W • at 500 V V rated value 2 200 W Control circuit/ Control control supply voltage at AC | of the supplied circuit-breakers | 3RV2011-1FA10 |
| size of the circuit-breaker S00 size of load feeder S00 product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical 7 type of assignment 1 Ambient conditions ambient temperature oluring operation -20 +60 °C oluring storage -50 +80 °C oluring transport -55 +80 °C 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 operating voltage -5080 °C operating requency rated value 690 V operational current at AC-3 at 400 V rated value 3.6 A operating power at AC-3 o at 400 V rated value 1.500 W at 500 V V rated value 2.200 W Control circuit/ Control control supply voltage at AC | of the supplied link module | 3RA1921-1DA00 |
| size of load feeder product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 1 Ambient conditions ambient temperature • during operation • during storage • during transport number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • control circuit/ Control control supply voltage at AC- | General technical data | |
| product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value shock resistance according to IEC 60068-2-27 66 / 11 ms mechanical service life (switching cycles) of contactor typical type of assignment 1 Amblent conditions ambient temperature during operation during storage during transport -55 +80 °C -50 +80 °C -55 +80 °C Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage a rated value a rated value operating frequency rated value operating power at AC-3 a 4400 V rated value a t 500 V rated value 2 200 W Control circuit/ Control control supply voltage at AC | size of the circuit-breaker | S00 |
| insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment Ambient conditions ambient temperature during storage during storage during transport -20 +60 °C -55 +80 °C during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage - rated value - at AC-3 rated value maximum operating frequency rated value - operating power at AC-3 - at 400 V rated value - at 4500 V rated value - at 5500 V rated value | size of load feeder | S00 |
| value 3 surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical 30 000 000 type of assignment 1 Ambient conditions -20 +60 °C a during operation -20 +80 °C • during transport -55 +80 °C Main circuit 3 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 3.5 5 A operating voltage 690 V • rated value 690 V operating frequency rated value 50 60 Hz operating power at AC-3 3.6 A operating power at AC-3 1 500 W • at 400 V rated value 2 200 W Control circuit/ Control control circuit/ Control control supply voltage at AC | product extension auxiliary switch | Yes |
| surge voltage resistance rated value shock resistance according to IEC 60068-2-27 gechanical service life (switching cycles) of contactor typical type of assignment 1 Ambient conditions ambient temperature | | 690 V |
| shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment Ambient conditions ambient temperature during operation during storage during transport Main circuit 1 design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value dear AC-3 rated value maximum operating frequency rated value operating power at AC-3 e at 400 V rated value at 500 V rated value control circuit/ Control control supply voltage at AC | degree of pollution | 3 |
| mechanical service life (switching cycles) of contactor typical type of assignment Ambient conditions ambient temperature • during operation • during storage • during transport -20 +60 °C • during transport -50 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value operating power at AC-3 • at 400 V rated value • at 400 V rated value • at 500 V rated value | surge voltage resistance rated value | 6 kV |
| type of assignment Ambient conditions ambient temperature • during operation • during storage • during transport -50 +60 °C • during transport -55 +80 °C 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 operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value | shock resistance according to IEC 60068-2-27 | 6g / 11 ms |
| Ambient conditions ambient temperature • during operation • during storage • during transport -50 +80 °C • during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating requency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value | ` ` ` ` ' | 30 000 000 |
| ambient temperature • during operation • during storage • during transport -50 +80 °C • during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC | type of assignment | 1 |
| during operation during storage during transport 55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value at 400 V rated value at 400 V rated value at 500 V Operating power at AC-3 at 400 V rated value at 500 V at 500 V rated value | Ambient conditions | |
| during storage during transport during transport mumber of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage erated value eat AC-3 rated value maximum | ambient temperature | |
| during transport dain circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum operating frequency rated value operating gower at AC-3 at 400 V rated value at 500 V rated value at 500 V rated value 2 200 W Control circuit/ Control control supply voltage at AC | during operation | -20 +60 °C |
| Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value 1 500 W • at 500 V rated value 2 200 W Control circuit/ Control control supply voltage at AC | during storage | -50 +80 °C |
| number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC | during transport | -55 +80 °C |
| design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value 1 500 W • at 500 V rated value 2 200 W Control circuit/ Control control supply voltage at AC | Main circuit | |
| adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC | number of poles for main current circuit | 3 |
| current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value control circuit/ Control control supply voltage at AC | design of the switching contact | electromechanical |
| rated value at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 at 400 V rated value at 500 V rated value at | adjustable current response value current of the current-dependent overload release | 3.5 5 A |
| at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 at 400 V rated value at 400 V rated value at 500 V rated value output control circuit/ Control control supply voltage at AC 690 V 3.6 A 1 500 W 2 200 W | operating voltage | |
| operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value Control circuit/ Control control supply voltage at AC | rated value | 690 V |
| operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value Control circuit/ Control control supply voltage at AC | at AC-3 rated value maximum | 690 V |
| operating power at AC-3 • at 400 V rated value • at 500 V rated value Control circuit/ Control control supply voltage at AC | operating frequency rated value | 50 60 Hz |
| at 400 V rated value at 500 V rated value 2 200 W Control circuit/ Control control supply voltage at AC | operational current at AC-3 at 400 V rated value | 3.6 A |
| at 500 V rated value 2 200 W Control circuit/ Control control supply voltage at AC | operating power at AC-3 | |
| Control circuit/ Control control supply voltage at AC | • at 400 V rated value | 1 500 W |
| control supply voltage at AC | • at 500 V rated value | 2 200 W |
| | Control circuit/ Control | |
| • at 50 Hz rated value 220 V | control supply voltage at AC | |
| | at 50 Hz rated value | 220 V |

| . = 0.11 | 407 04044 |
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| at 50 Hz rated value | 187 242 V |
| at 60 Hz rated value | 240 V |
| at 60 Hz rated value | 192 264 V |
| apparent holding power of magnet coil at AC | 4.8 VA |
| inductive power factor with the holding power of the coil | 0.25 |
| Auxiliary circuit | |
| number of NC contacts for auxiliary contacts | 0 |
| number of NO contacts for auxiliary contacts | 1 |
| Protective and monitoring functions | |
| trip class | CLASS 10 |
| design of the overload release | thermal (bimetallic) |
| response value current of instantaneous short-circuit trip unit | 65 A |
| UL/CSA ratings | |
| full-load current (FLA) for 3-phase AC motor | |
| at 480 V rated value | 4.8 A |
| • at 600 V rated value | 4.55 A |
| yielded mechanical performance [hp] | |
| for single-phase AC motor | |
| — at 110/120 V rated value | 0.17 hp |
| — at 230 V rated value | 0.5 hp |
| • for 3-phase AC motor | |
| — at 200/208 V rated value | 1 hp |
| at 220/230 V rated value | 1 hp |
| at 460/480 V rated value | 3 hp |
| at 575/600 V rated value | 3 hp |
| Short-circuit protection | |
| product function short circuit protection | Yes |
| design of the short-circuit trip | magnetic |
| a malitic mall about aircrit arresent (la) | |
| conditional short-circuit current (Iq) | |
| at 400 V according to IEC 60947-4-1 rated value | 153 000 A |
| | 153 000 A |
| at 400 V according to IEC 60947-4-1 rated value | 153 000 A vertical |
| • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions | |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position | vertical |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm |
| 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 Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm |
| 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 Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm |
| 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 Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm |
| 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 Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm |
| 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 Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing ofor grounded parts | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing ofor grounded parts — forwards — backwards — upwards — at the side — downwards ofor live parts — forwards — forwards | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm |
| 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 | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm 0 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts — forwards — backwards — upwards — at the side — downwards for live parts — forwards — backwards — upwards — upwards — upwards — to rive parts — forwards — backwards — backwards — upwards | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 10 mm 10 mm 10 mm |
| 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 — forwards — forwards — upwards — upwards — downwards — backwards — upwards — downwards — backwards — backwards — backwards — backwards — upwards — downwards — downwards — downwards | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts - forwards - backwards - upwards - at the side - downwards for live parts - backwards - backwards - downwards at the side - downwards - backwards - backwards - backwards - backwards - at the side - downwards - at the side - downwards - at the side | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 10 mm 10 mm 10 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at for grounded parts - forwards - backwards - upwards - at the side - downwards for live parts - forwards - backwards - at the side - downwards - to forwards - to | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 0 mm 9 mm 10 mm 9 mm 10 mm 9 mm 10 mm |
| 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 — at the side — downwards — to rule parts — forwards — backwards — upwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection for main current circuit | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing o for grounded parts | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm 20 mm 9 mm 10 mm 20 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm 20 mm 5 mm 20 mm 9 mm 10 mm 10 mm 9 mm 10 mm 10 mm 9 mm |
| 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 Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 10 mm 0 mm 0 mm 20 mm 10 mm 20 mm 10 mm 20 mm 10 mm 20 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 9 mm 10 mm 0 mm 20 mm 9 mm 10 mm 20 mm 5 mm 20 mm 9 mm 10 mm 10 mm 10 mm 10 mm 9 mm |
| 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 upwards at the side downwards for lawards upwards for lawards forwards formain current circuit for main contacts stranded for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 10 mm 0 mm 0 mm 20 mm 10 mm 20 mm 10 mm 20 mm 10 mm 20 mm |
| at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing | vertical Snap-mounted to DIN rail or screw-mounted with additional push-in lug 167.2 mm 45 mm 97.1 mm 0 mm 0 mm 20 mm 10 mm 0 mm 0 mm 20 mm 10 mm 20 mm 10 mm 20 mm 10 mm 20 mm |

proportion of dangerous failures with high demand rate according to SN 31920

protection class IP on the front according to IEC 60529

touch protection on the front according to IEC 60529

finger-safe, for vertical contact from the front

Certificates/ approvals

General Product Approval

For use in hazardous locations Declaration of Conformity



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other Railway









Confirmation

Vibration and Shock

Further information

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=3RA2110-1FA15-1AP6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-1FA15-1AP6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-1FA15-1AP6

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

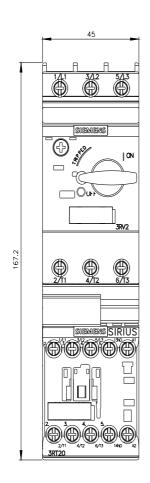
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-1FA15-1AP6&lang=en

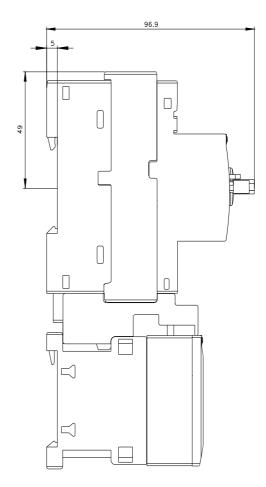
Characteristic: Tripping characteristics, I2t, Let-through current

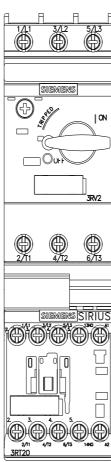
https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-1FA15-1AP6/char

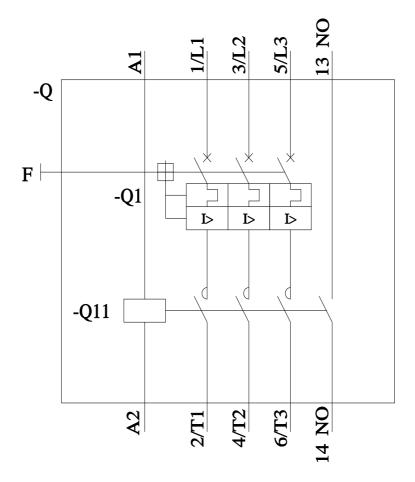
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-1FA15-1AP6&objecttype=14&gridview=view1









last modified: 12/15/2020 🖸