SIEMENS

Data sheet

3RA2110-1FD15-1AP0



Load feeder fuseless, Direct-on-line starting 400 V AC, Size S00 3.50...5.00 A 230 V AC screw terminal for 60 mm busbar systems Type of coordination 1, Iq = 150 kA 1 NO (contactor)

product brand name SIRUS product designation Direct (on-line) starter design of the product for 60 mm busbars product type designation 3RT2015-1APO1 manufacturer's artcle number 3RT2015-1APO1 - of the supplied contactor SRT2015-1APO1 - of the supplied contactor supplied contactor SRT2015-1APO1 - of the supplied contactor supplied SRT2015-1APO1 - of the supplied contactor supplied		
design of the product for 60 mm busbars product type designation 3RA21 manufacturors article number sRT2015-1AP01 • of the supplied contactor 3RT2015-1AP01 • of the supplied busbars adapter 3RT2015-1AP01 • of the supplied busbar adapter S00 size of the circul-breaker S00 size of the circul-breaker S00 • at AC in hot operating state per pole 2.6 W • without load current share typical 4.2 W insulation voltage with degree of pollution 3 at AC rated value 680 V degree of protection NEMA rating other shock resistance according to IEC 68068-2-27 69/ 11 ms mechanical service life (operating cycles) of contactor typical 30 000 00 type of asignment 1 reference code according to IEC 681346-2:2019 Q Substance Prohibitance (Date) 100/12009 SVHC substance name Lead - r439-92-1	product brand name	SIRIUS
product type designation 3RA21 manufacturer's article number 3RT2015-1AP01 • of the supplied circuit-breakers 3RV2011-1FA10 • of the supplied incuit-breakers 3RV2011-1FA10 • of the supplied link module 3RA1921-1DA00 General tochnical data 3RA1921-1DA00 General tochnical data S00 size of the circuit-breaker S00 size of the circuit-breaker S00 without load current share typical 4.2 W • without load current share typical 4.2 W insulation voltage with degree of pollution 3 at AC rated value 64 V degree of protection NEMA rating other shock resistance according to IEC 60088-277 6g / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 1 reference code according to IEC 80088-277 6g / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 1 reference code according to IEC 80088-271 6g / 11 ms mechanical service life (operating cycles) 100/12009	product designation	Direct (on-line) starter
manufacturer's article number BR12015-1APO1 • of the supplied contactor BR12015-1APO1 • of the supplied busbar adapter S00 size of the circut-breaker S00 • of the supplied busbar adapter S00 • adapter S00 • supplied busbar adapter S00 • supplied busbar adapter S00 • supplied busbar adapter S0000000 type of assignment 1 reference code according to IEC 81346-2:2019 Q	design of the product	for 60 mm busbars
• of the supplied contactor SRT2015-1AP01 • of the supplied circuit-breakers SRV2011-1FA10 • of the supplied link module SR1221-1DA00 Concrol technical date SR00 size of the drequit-breaker S00 size of the drequit-breaker S00 power loss [W] for rated value of the current 42 W • at AC in hot operating state per pole 2.6 W • without load current share typical 42 W insulation votage with degree of pollution 3 at AC rated value 690 V Surger or load greed of protection NEMA rating 64 V degree of protection NEMA rating 0 vher 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 1 reference code according to IEC 60068-2-27 6g /11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 Substance Prohibitance (Date) 10/01/2009 Substance Prohibitance (Date) 10/01/2009 Substance Prohibitance (Date) -20 +60 °C • during strage -20+60 °C <th>product type designation</th> <th>3RA21</th>	product type designation	3RA21
• of the supplied circuit-breakersBRV2011-1EA10• of the supplied link moduleBRV2011-1EA10• of the supplied link moduleBRV1921-1DA00General technical dataS00size of the circuit-breakerS00size of load feederS00power loss [W] for rated value of the current-• at AC in hot operating state per pole2.6 W• without load current share typical4.2 Winsulation voltage with degree of pollution 3 at AC rated value600 Vsurge voltage resistance rated value6 kVdegree of protection NEMA ratingothershock resistance according to IEC 6068-2-276g / 11 msmechanical service life (operating cycles) of contactor typical30 000 000Yupe of assignment11reference code according to IEC 6068-2-2019QSubstance Prohibitance (Date)100/1/2009Substance Prohibitance (Cate)100/1/2009Substance Prohibitance (Cate)100/1/2009Subtance Prohibitance (Cate)20 +60 °C• during storage-50 +60 °C• during operation-20 +60 °C• during operation-95 %Main circui	manufacturer's article number	
	 of the supplied contactor 	<u>3RT2015-1AP01</u>
• of the supplied link module 3RA1921-1DA00 Goneral technical dats size of toad feeder size of toad feeder S00 power loss [W] for rated value of the current 4.2 W • at AC in hot operating state per pole 2.6 W • without load current share typical 4.2 W insultation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 6 k/V degree of protection NEMA rating other shock resistance according to IEC 60068-2:27 6g /11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 1 reference code according to IEC 81346-2:2019 Q SUNC substance Prohibitance (Date) 100/1/2009 SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient temperature - • during storage -50 +80 °C • during storage -50 +80 °C • during operation -20 +60 °C • during ope	 of the supplied circuit-breakers 	<u>3RV2011-1FA10</u>
Genoral technical data S00 size of the circuit-breaker S00 size of load feeder S00 power loss [W] for rated value of the current • at AC in hot operating state per pole 2.6 W • 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 690 V gene 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 1 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions - aduring storage -50 +60 °C • during transport -50 +60 °C • during transport -50 +60 °C • during transport -50 +60 °C relative humidity during operation 10 95 %	 of the supplied busbar adapter 	8US1251-5DS10
size of the circuit-breaker \$00 size of load feeder \$00 power loss [W] for rated value of the current ************************************	 of the supplied link module 	<u>3RA1921-1DA00</u>
size of load feeder S00 power loss [W] for rated value of the current 2.6 W • at AC in hot operating state per pole 2.6 W • 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 6g / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 1 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during operation -20 +60 °C • during operation -20 +60 °C • during operation -20	General technical data	
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• 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 69 / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 1 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 100/1/2009 SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions -20 +60 °C • during operation -20 +60 °C • during transport -50 +60 °C • during transport -5050 °C • during transport -5050 °C • design of the switching contact	power loss [W] for rated value of the current	
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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 1 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions - aduing operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation -20 +60 °C relative humidity during operation -20 +60 °C relative humidity during operation -20 +80 °C relative humidity during operation 10 95 % 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 5 5 A operating voltage<	 without load current share typical 	4.2 W
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 1 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions ambient temperature • during operation -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 3 number of poles for main current circuit 3 adjustable current response value current of the current- electromechanical adjustable current response value current of the current- design of the switching contact operating voltage -5 A • rated value 690 V	insulation voltage with degree of pollution 3 at AC rated value	690 V
shock resistance according to IEC 60068-2-276g / 11 msmechanical service life (operating cycles) of contactor typical30 000 000type of assignment1reference code according to IEC 81346-2:2019QSubstance Prohibitance (Date)10/01/2009SVHC substance nameLead - 7439-92-1Weight1.042 kgAmbient conditions-ambient temperature-• during operation-20 +60 °C• during storage-50 +80 °C• during operation-20 +60 °C• during transport-50 +80 °Ctemperature compensation-20 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3design of the switching contactelectromechanicaladjustable current response value current of the current- dependent overload release35 5 Aoperating voltage • rated value690 V	surge voltage resistance rated value	6 kV
mechanical service life (operating cycles) of contactor typical30 000 000type of assignment1reference code according to IEC 81346-2:2019QSubstance Prohibitance (Date)10/01/2009SVHC substance nameLead - 7439-92-1Weight1.042 kgAmbient conditions-ambient temperature • during operation-20 +60 °C• during storage • during transport-50 +80 °C• during operation • during operation-20 +60 °C• during transport-50 +80 °C• during transport-50 +80 °C• during transport-20 +60 °Crelative humidity during operation-20 +60 °C• during transport-50 +80 °C• during transport-50 +80 °C• during transport-50 +60 °C• during transport-50 +80 °C• during transport-20 +60	degree of protection NEMA rating	other
type of assignment 1 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C temperature compensation -20 +60 °C relative humidity during operation -20 +60 °C during transport -50 +80 °C temperature compensation -20 +60 °C relative humidity during operation 10 95 % 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	shock resistance according to IEC 60068-2-27	6g / 11 ms
Image: Instance Code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions - ambient temperature - • during operation -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 3 number of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current- 3.5 5 A operating voltage 690 V	mechanical service life (operating cycles) of contactor typical	30 000 000
Substance Prohibitance (Date) 10/01/2009 SvHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions - ambient temperature - • during operation -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 3 number of poles for main current circuit 3 adjustable current response value current of the current- dependent overload release 3.5 5 A operating voltage • rated value 690 V	type of assignment	1
SVHC substance name Lead - 7439-92-1 Weight 1.042 kg Ambient conditions	reference code according to IEC 81346-2:2019	Q
Weight 1.042 kg Ambient conditions Image: Conditions ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C • during operation -20 +60 °C relative humidity during operation -20 +60 °C relative humidity during operation 10 95 % 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 	Substance Prohibitance (Date)	10/01/2009
Ambient conditions ambient temperature • during operation • during storage • 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 3 design of the switching contact adjustable current response value current of the current- dependent overload release operating voltage • rated value 690 V	SVHC substance name	Lead - 7439-92-1
ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C • during transport -20 +60 °C temperature compensation -20 +60 °C relative humidity during operation 10 95 % 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 	Weight	1.042 kg
• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °C• during transport-20 +60 °Ctemperature compensation-20 +60 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3design of the switching contactelectromechanicaladjustable current response value current of the current- dependent overload release3.5 5 Aoperating voltage • rated value690 V	Ambient conditions	
• during storage -50 +80 °C • during transport -50 +80 °C • temperature compensation -20 +60 °C relative humidity during operation 10 95 % 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 ∨	ambient temperature	
• during transport -50 +80 °C temperature compensation -20 +60 °C relative humidity during operation 10 95 % 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	during operation	-20 +60 °C
temperature compensation -20 +60 °C relative humidity during operation 10 95 % 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	during storage	-50 +80 °C
relative humidity during operation 10 95 % 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	during transport	-50 +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	temperature compensation	-20 +60 °C
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 rated value 690 V 	relative humidity during operation	10 95 %
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	Main circuit	
adjustable current response value current of the current- 3.5 5 A operating voltage 690 V	number of poles for main current circuit	3
dependent overload release fill operating voltage 690 V	design of the switching contact	electromechanical
rated value 690 V		3.5 5 A
	operating voltage	
• at AC-3 rated value maximum 690 V	rated value	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	5 A
• at AC-3e at 400 V rated value	5 A
operating power	
• at AC-3	
— at 400 V rated value	1 500 W
• at AC-3e	
— at 400 V rated value	1 500 W
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 60 Hz rated value	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
	0.20
Auxiliary circuit	Vec
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	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	5 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	0.25 hp
— at 230 V rated value	0.5 hp
 for 3-phase AC motor 	
 for 3-phase AC motor at 200/208 V rated value 	1.5 hp
— at 200/208 V rated value	1.5 hp
— at 200/208 V rated value — at 220/230 V rated value	1.5 hp
 — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value 	1.5 hp 3 hp
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value 	1.5 hp
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection	1.5 hp 3 hp 5 hp
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection	1.5 hp 3 hp 5 hp Yes
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip	1.5 hp 3 hp 5 hp
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (lq)	1.5 hp 3 hp 5 hp Yes magnetic
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (Iq) at 400 V according to IEC 60947-4-1 rated value 	1.5 hp 3 hp 5 hp Yes
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (lq)	1.5 hp 3 hp 5 hp Yes magnetic
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (Iq) at 400 V according to IEC 60947-4-1 rated value 	1.5 hp 3 hp 5 hp Yes magnetic
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection gender function short circuit protection design of the short-circuit trip conditional short-circuit current (lq) at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection 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	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (lq) at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (lq) at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection groduct function short circuit protection design of the short-circuit trip conditional short-circuit current (lq) at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection 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 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection 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 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (lq) 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 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm 155 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (lq) 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 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm 155 mm 20 mm 0 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection design of the short-circuit protection 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 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm 155 mm 20 mm 0 mm 50 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection 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 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm 155 mm 20 mm 0 mm 50 mm 20 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (lq) 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 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm 155 mm 20 mm 50 mm
 at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection 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 for wards backwards upwards at the side 	1.5 hp 3 hp 5 hp Yes magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 203 mm 45 mm 155 mm 20 mm 0 mm 50 mm 20 mm

— backwards			0 mm		
— upwards			50 mm		
— downwards			10 mm		
— at the side			20 mm		
onnections/ Terminals		_	20 11111		
type of electrical conne	ection				
 for main current ci 			screw-type terminals		
 for auxiliary and compared to the second seco			screw-type terminals		
•			screw-type terminals		
afety related data	for a state to matter	_			
product function suitable	for safety function	_	Yes		
Electrical Safety		0 00500	с. с.с. н.		
touch protection on the	-	C 60529	finger-safe, for vertical contact	t from the front	
ommunication/ Protoco					
protocol is supported					
 PROFINET IO pro 			No		
 PROFIsafe protoc 			No		
protocol is supported AS	-Interface protocol		No		
pprovals Certificates					
				For use in hazard-	Test Certificates
General Product Appro	UK	Ų,	EAC		Type Test Certific- ates/Test Report
CE EG-Konf.	UK CA	۹	EAC	ous locations	Type Test Certific-
C€		۹	EAC	ous locations	Type Test Certific-
CE EG-Konf.	UK CA		EAC Div	ous locations	Type Test Certific-
EG-Konf. Test Certificates	UK CA	UL UL UL UL UL UL UL UL UL UL UL UL UL U	ERC V	ATEX ATEX	Type Test Certific-
EG-Konf. Test Certificates Special Test Certific- ate	UK CA		Railway	ATEX ATEX LIPS	Type Test Certific-

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2110-1FD15-1AP0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-1FD15-1AP0

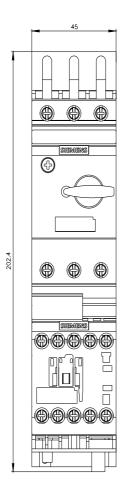
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-1FD15-1AP0

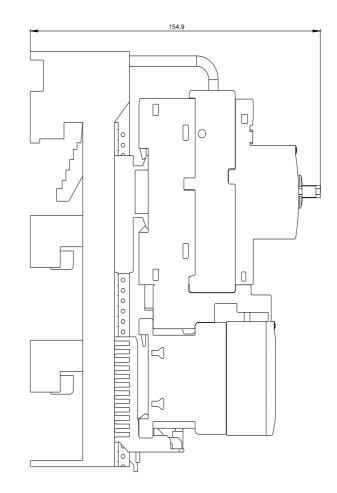
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-1FD15-1AP0&lang=en

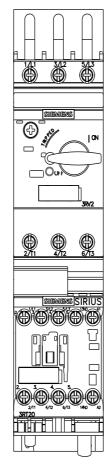
Characteristic: Tripping characteristics, I2t, Let-through current

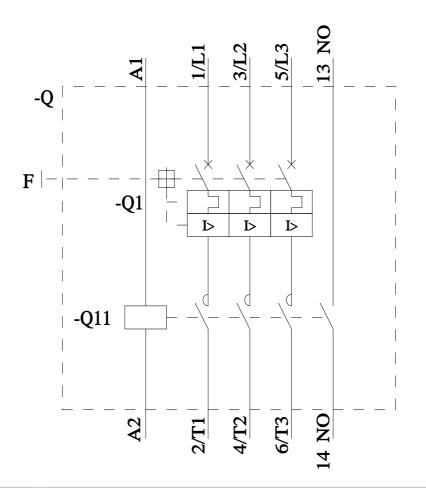
https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-1FD15-1AP0/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-1FD15-1AP0&objecttype=14&gridview=view1









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