SIEMENS

Data sheet

3RA2210-0BA15-2BB4



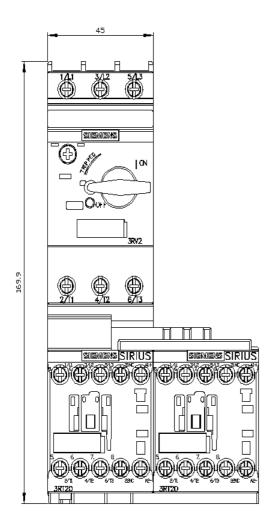
Load feeder fuseless, Reversing duty 400 V AC, Size S00 0.14...0.20 A 24 V DC screw terminal for installation on standard mounting rail (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NC (contactor)

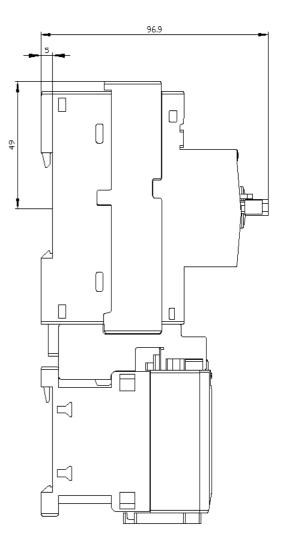
product brand name SIRUS product designation Reversing starter design of the product for standard rail or screw mounting product type designation 3RX20 manufacturer's article number - - of the supplied contactor 3RX2011.5BA42 - of the supplied inclustoreakers 3RX2011.5BA42 - of the supplied inclustoreakers 3RX2011.5BA42 - of the supplied inclustoreakers SRX2011.5BA42 - of the supplied inclustoreakers SRX2011.5BA42 - of the supplied inclustoreakers SRX2011.5BA42 - of the supplied inclustoreakers SRX2011.5BA41 - of the supplied inclustoreakers SRX2013.2BA41 Concert Icehnical dats SRX2013.2BA41 - of the supplied inclustoreakers SRX2013.2BA41 prover loss IVI for rated value of the current - V - without load current share typical 2 W - without load current share typical 68 V - degree of protection NEMA rating 610 V - surge values resistance rated value 68 V - degree of protection VEMA rating 30 000 000 <td< th=""><th></th><th></th></td<>				
design of the product for standard rail or screw mounting product type designation 3RA22 manufacturer's article number SRT2015-18B42 • of the supplied circuit-breakers 3RX2011-08A10 • of the supplied ink module 3RA213-2AA1 General technical data SRT2015-18B42 size of the circuit-breaker 3RA213-2AA1 General technical data SRT2015-18B42 size of the circuit-breaker SR0 size of the circuit-breaker SR0 size of the circuit-breaker SR0 • at AC in hot operating state per pole 2 W • without load current share typical 4 W • at AC in hot operating state per pole 2 W • without load current share typical 680 V degree of protection NEMA rating other shock resistance according to IEC 60088-2-27 69 / 11 ms mechanical service life (operating cycles) of contactor typical 2 type of assignment 2 reference code according to IEC 60088-2-27 69 / 10 / 100/12009 Sthotsance Prohibitance (Date) 100/12009 Sthotsance Prohibitance (Date) 00/12009 Sthotsance Prohibitance (Date) 00/12009 Sthotsance Prohibitance (Date) -400 //20 • during transport -	product brand name	SIRIUS		
product type designation 3RA22 manufacturer's article number 5RT2015-18542 • of the supplied contactor 3RX2211-0BA10 • of the supplied ink module 3RA9213-2AA1 • of the supplied wing kit 3RA2233-2AA1 Conoral technical data 500 size of the circuit-breaker 500 sufficience 6kV • without load current share typical 4W insulation voltage with degree of pollution 3 at AC rated value 6kV degree of protection NEMA rating other shock resistance according to IEC 60068-227 6g/ 11 ms mechanical service life (operating voles) of contactor typical 30 000 000 <t< th=""><th>product designation</th><th colspan="3">Reversing starter</th></t<>	product designation	Reversing starter		
inarufacturer's article number BT2015-18B42 i of the supplied circuit-breakers BR72015-18B42 i of the supplied incuit-breakers BR72015-18B42 i of the supplied incuit-breaker S00 size of the circuit-breaker S00 size of the circuit-breaker S00 size of the circuit-breaker S00 power loss [W] for rated value of the current 4 W i at AC in hot operating state per pole 2 W without load current share typical 4 W insulation voltage with degree of pollution 3 at AC rated value 6 kV degree of protection NEM Arating ohner 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 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 100/1/2009 SUHS current conditions 2 ambient conditions -20 460 °C </th <th>design of the product</th> <th>for standard rail or screw mounting</th>	design of the product	for standard rail or screw mounting		
• of the supplied icruit-breakersSRT2015-1BB42• of the supplied link moduleSRV2011-0BA10• of the supplied link moduleSRA1921-1DA00• of the supplied link moduleSRA1921-1DA00• of the suppled wing kitSRA913-2AA1ceneral technical dataS00size of the deforeS00power loss [W] for rated value of the currentV• at AC in hot operating state per pole2 W• without load current share typical4 WInsulation voltage with degree of pollution 3 at AC rated value690 Vsurge of potection NEMA ratingothershock resistance according to IEC 60068-2276g /11 msmechanical service life (operating cycles) of contactor typical30 000 000type of assignment2reference code according to IEC 60068-2276g /11 msmechanical service life (operating cycles) of contactor typical30 000 000type of assignment2reference code according to IEC 60168-22019QSubstance Prohibitance (Date)1001/2009SWH custostance nameLead -7439-92-1Weight0.94 kgAmbient conditions-20+60 °C• during storage-50+60 °C• during storage-50+60 °C• during storage-50+60 °C• during transport-20+60 °C• during transport<	product type designation	3RA22		
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	 of the supplied contactor 	<u>3RT2015-1BB42</u>		
of the supplied wiring kit General technical dats isize of load feeder sload of the curcuit-breaker size of load feeder solo power loss [W] for rated value of the current e at AC in hot operating state per pole e without load current share typical e without share without	 of the supplied circuit-breakers 	<u>3RV2011-0BA10</u>		
General technical data S00 size of the circuit-breaker S00 size of load feeder S00 power loss [W] for rated value of the current ************************************	 of the supplied link module 	<u>3RA1921-1DA00</u>		
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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 2 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 0.94 kg Ambient conditions -20 +60 °C e during operation -20 +60 °C e during transport -50 +80 °C e during transport -20 +60 °C reference code according operation -20 +60 °C e during transport -50 +80 °C e during transport -20 +60 °C reference code sording operation 10 95 % Main circuit 3 number of poles for main current circuit 3 design of the switching contact electromechanical dujustable current response value current of the current-dependent overload release 0.14 0.2 A operating voltage	 without load current share typical 	4 W		
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Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 0.94 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 Main circuit -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- 0.14 0.2 A operating voltage 690 V	type of assignment	2		
SVHC substance name Lead - 7439-92-1 Weight 0.94 kg Ambient conditions	reference code according to IEC 81346-2:2019	Q		
Weight 0.94 kg Ambient conditions - ambient temperature - • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C • 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 0.14 0.2 A operating voltage • rated value 690 V	Substance Prohibitance (Date)	10/01/2009		
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 3 design of the switching contact electromechanical adjustable current response value current of the current- 0.14 0.2 A operating voltage 690 V	SVHC substance name	Lead - 7439-92-1		
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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 0.14 0.2 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 0.14 0.2 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 0.14 0.2 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 0.14 0.2 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 0.14 0.2 A operating voltage 690 V	Main circuit			
adjustable current response value current of the current- 0.14 0.2 A operating voltage 690 V	number of poles for main current circuit	3		
dependent overload release operating voltage • rated value 690 V	design of the switching contact	electromechanical		
rated value 690 V		0.14 0.2 A		
	operating voltage			
• at AC-3 rated value maximum 690 V	rated value	690 V		
	• at AC-3 rated value maximum	690 V		

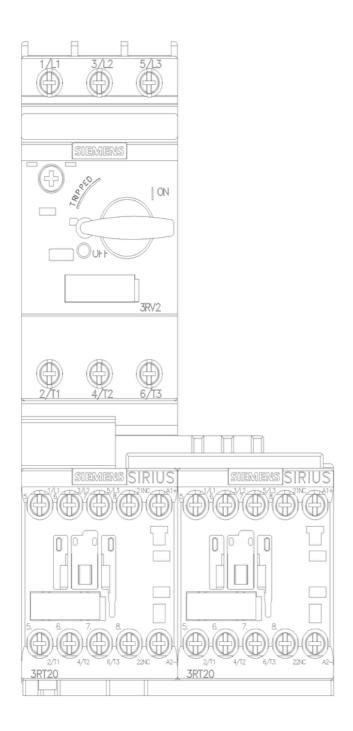
	000.1/		
at AC-3e rated value maximum	690 V		
operating frequency rated value	50 60 Hz		
operational current			
 at AC-3 at 400 V rated value 	0.2 A		
 at AC-3e at 400 V rated value 	0.2 A		
operating power			
• at AC-3			
— at 400 V rated value	60 W		
• at AC-3e			
— at 400 V rated value	60 W		
Control circuit/ Control			
type of voltage of the control supply voltage	DC		
control supply voltage at DC rated value	24 V		
holding power of magnet coil at DC	4 W		
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	2.6 A		
UL/CSA ratings			
full-load current (FLA) for 3-phase AC motor			
 at 480 V rated value 	0.2 A		
 at 600 V rated value 	0.2 A		
Short-circuit protection			
product function short circuit protection	Yes		
design of the short-circuit trip	magnetic		
conditional short-circuit current (Iq)			
• at 400 V according to IEC 60947-4-1 rated value	150 000 A		
Installation/ mounting/ dimensions	verticel		
mounting position	vertical		
mounting position fastening method	screw and snap-on mounting onto 35 mm DIN rail		
mounting position fastening method height	screw and snap-on mounting onto 35 mm DIN rail 170 mm		
mounting position fastening method height width	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm		
mounting position fastening method height width depth	screw and snap-on mounting onto 35 mm DIN rail 170 mm		
mounting position fastening method height width depth required spacing	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm		
mounting position fastening method height width depth	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm		
mounting position fastening method height width depth required spacing	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm		
mounting position fastening method height width depth required spacing • for grounded parts	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts	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		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards	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 32 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — upwards • for live parts — nowards — upwards • upwards	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 50 mm 50 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — downwards — forwards — downwards — forwards — downwards — downwards — downwards — backwards — downwards — backwards — upwards — downwards	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 10 mm 10 mm 50 mm 10 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — downwards — forwards — at the side — downwards — forwards — forwards — at the side — at the side — at the side — upwards — at the side	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 50 mm 50 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — at the side — downwards — at the side — downwards — at the side — upwards — at the side — commards — at the side — downwards — at the side Connections/ Terminals	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 10 mm 10 mm 50 mm 10 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — obackwards — at the side — downwards — backwards — the side — downwards — the side — downwards — the side — downwards — the side Connections/ Terminals type of electrical connection	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 10 mm 10 mm 50 mm 10 mm 10 mm 50 mm 10 mm 50 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — downwards • for live parts — forwards — downwards • for live parts — forwards — a the side — downwards — backwards — upwards — the side Connections/ Terminals type of electrical connection • for main current circuit	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — at the side — downwards • for live parts — forwards — at the side — downwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 10 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — downwards • for live parts — forwards — downwards • for live parts — forwards — a the side — downwards — backwards — upwards — the side Connections/ Terminals type of electrical connection • for main current circuit	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm		
mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — at the side — downwards • for live parts — forwards — at the side — downwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit	screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm 32 mm 0 mm 50 mm 10 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm		
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 — forwards — ownwards • for live parts — forwards — backwards — upwards — downwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit Safety related data	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 32 mm 0 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm		
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 — forwards — downwards • for live parts — forwards — backwards — upwards — downwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit Safety related data product function suitable for safety function	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 32 mm 0 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm		
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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 - downwards • for live parts - forwards - backwards - upwards - backwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit Safety related data product function suitable for safety function Electrical Safety touch protection on the front according to IEC 60529 Communication/ Protocol	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 32 mm 0 mm 50 mm 10 mm 50 m		
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 - forwards - backwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit Safety related data product function suitable for safety function Electrical Safety touch protection on the front according to IEC 60529 Communication/ Protocol protocol is supported	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 32 mm 0 mm 50 mm 10 rem 10 rem		
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 - downwards • for live parts - forwards - backwards - upwards - backwards - at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit Safety related data product function suitable for safety function Electrical Safety touch protection on the front according to IEC 60529 Communication/ Protocol	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 32 mm 0 mm 50 mm 10 mm 50 m		

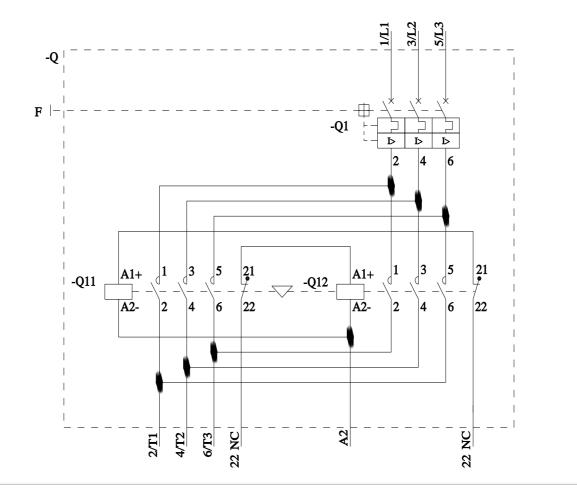
protocol is supported A Approvals Certificates	S-Interface protocol	No			
General Product App	oval				For use in hazard- ous locations
Confirmation	CE EG-Konf.	UK CA		EHC	K ATEX
Test Certificates		Marine / Shipping			
<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	B U RE AU VERITAS		Lloyd's Register us
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