Data sheet 3RA2210-0KH15-2BB4



Load feeder fuseless, reversing duty 400 V DC, size S00 0.90...1.25 A, 24 V DC Spring-type terminal for 60 mm busbar systems (also fulfills type of coordination 1) Type of coordination 2, lq = 150 kA 1 NC (contactor)

product brand name	SIRIUS
product designation	Reversing starter
design of the product	for 60 mm busbars
product type designation	3RA22
manufacturer's article number	
 of the supplied contactor 	3RT2015-2BB42
 of the supplied circuit-breakers 	3RV2011-0KA20
 of the supplied RS assembly kit 	3RA2913-1DB2
 of the supplied link module 	3RA2911-2AA00
General technical data	
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 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
degree of protection NEMA rating	other
shock resistance according to IEC 60068-2-27	6g / 11 ms
mechanical service life (operating cycles) of contactor typical	30 000 000
type of assignment	2
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001
reference code according to IEC 81346-2:2019	Q
Substance Prohibitance (Date)	10/01/2009
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	
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	0.9 1.25 A
operating voltage	
• rated value	690 V
 at AC-3 rated value maximum 	690 V

Access to the control of the contr	at AC-3e rated value maximum	690 V
Operating current		
AI AC-3 at 400 V rated value		30 00 112
## ARC-3e ## 400 V rated value 1.25 A 370 W ## 41.40 370 W ## 41.40 370 W 41.40	•	1 25 Δ
operating power * it AC-3 - at 400 V rated value * at 400 V rated value * at 400 V rated value - at 400 V rated value * at at 600 V rated value *		
# at AC-3		1.20 //
at 400 V rated value		
e al AC-2e — at 400 V rated value 370 kW Control circuit Control control supply voltage DC Control supply voltage at DC Control supply voltage at DC e * rated value 24 24 V * * * * * * * * * * * * * * * * * *		370 W
Control circuit/ Control Type of voltage of the control supply voltage or and voltage intaked value 24 v intaked value 24 v Auditary circuit product outension auxiliary switch Protective and monitoring functions trip class CLASS 10 design of the overload release thermal (bimetallic) response value current of instantaneous short-circuit trip unit UCGSA ratings full-load current (FLA) for 3-phase AC motor in 1800 V rated value in 800 V rated		
type of voltage of the control supply voltage control supply voltage at DC	— at 400 V rated value	370 kW
Control supply voltage at DC • rated value • rated value • rated value 24 24 V holding power of magnet coil at DC 4 W Avuillary cricini product extension auxillary switch Protective and monitoring functions trip class CLASS 10 design of the overload release response value current of instantaneous short-circuit trip unit ULCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 500 V rated value • at 600 V rated value • at 57,5600 V rated value 0.75 hp Short-circuit protection — at 640480 V rated value 0.75 hp Short-circuit protection Yes design of the short-circuit trip magnetic conditional short-circuit trip magnetic conditional short-circuit trip mounting position • at 400 V according to IEC 60947-41 rated value 150 000 A Installation mounting dimensions width 90 mm depth required spacing • for grounded parts — forwards — at the side — downwards — upwards — at the side — downwards — the side — downwards — 10 mm — forwards — at the side — one-construct — one	Control circuit/ Control	
Control supply voltage at DC • rated value • rated value • rated value 24 24 V holding power of magnet coil at DC 4 W Avuillary cricini product extension auxillary switch Protective and monitoring functions trip class CLASS 10 design of the overload release response value current of instantaneous short-circuit trip unit ULCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 500 V rated value • at 600 V rated value • at 57,5600 V rated value 0.75 hp Short-circuit protection — at 640480 V rated value 0.75 hp Short-circuit protection Yes design of the short-circuit trip magnetic conditional short-circuit trip magnetic conditional short-circuit trip mounting position • at 400 V according to IEC 60947-41 rated value 150 000 A Installation mounting dimensions width 90 mm depth required spacing • for grounded parts — forwards — at the side — downwards — upwards — at the side — downwards — the side — downwards — 10 mm — forwards — at the side — one-construct — one		DC
e rated value 24 V rated value 24 W holding power of magnet coil at DC 4W Auxiliary circuit 7 Protective and monitoring functions 7 trip class CLASS 10 design of the overload release themal (bimetallic) response value current of instantaneous short-circuit trip unit 10 A UICSA rated value 1.25 A • at 480 V rated value 1.25 A • at 480 V rated value 1.25 A • at 480 V rated value 0.75 hp • for 3-phase AC motor — at 460480 V rated value 0.75 hp — at 6736000 V rated value 0.75 hp Short-circuit protection Yes product function short circuit trip protection Yes design of the short-circuit trip magnetic conditional short-circuit trip magnetic conditional short-circuit trip and spanning position for snapping onto 60 mm busbar systems height 60 mm mounting position Vertical Somma mounting position 155 mm required spacing 60 mm width 90 mm depth 155 mm required spacing 60 mm • for grounded parts 60 mm • for wards 32 mm — downwards 0 mm — at the side 10 mm — downwards 10 mm — at the side 50		
holding power of magnet coil at DC Auxiliary circuit Protect extension auxillary switch Yes Protective and monitoring functions trip class design of the overload rolease response value current of instantaneous short-circuit trip unit UICSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 500 V rated value be of 3-phase AC motor at 480-480 V rated value at 500 V rated value be of 3-phase AC motor at 500-600 V rated value chould not be received by received		24 V
Auxiliary circuit product extension auxiliary switch protective and monitoring functions trip class	• rated value	24 24 V
product extension auxiliary switch Protective and monitoring functions trip class design of the overload release response value current of instantaneous short-circuit trip unit ULGSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 1.25 A at 800 V rated value 1.25 A yielded mechanical performance (hp) of 3-7 shease AC motor — at 460/480 V rated value 0.75 hp — at 573-600 V rated value 0.75 hp — at 573-600 V rated value 0.75 hp Short-circuit protection product function short circuit protection 4 design of the short-circuit current (fq) at 400 V according to IEC 60947-4-1 rated value 150 000 A Installation/ mounting/ dimensions mounting position Vertical fastening method for snapping onto 60 mm busbar systems height 250 mm vicith 90 mm depth 155 mm required spacing of grounded parts — forwards — at the side — downwards — one — ownwards — one — ownwards — one — ownwards	holding power of magnet coil at DC	4 W
Protective and monitoring functions trip class	Auxiliary circuit	
Protective and monitoring functions trip class	product extension auxiliary switch	Yes
design of the overload release response value current of instantaneous short-circuit trip unit 16 A ULCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • 1.25 A • at 600 V rated value • 1.25 A yielded mechanical performance [hp] • for 3-phase AC motor — at 460/480 V rated value — 0.75 hp 1.25 A yielded mechanical performance [hp] • for 3-phase AC motor — at 460/480 V rated value — 0.75 hp Short-circuit protection product function short circuit protection design of the short-circuit current (lq) • at 400 V according to IEC 60947-4.1 rated value 150 000 A Installation/ mounting/ dimensions mounting position vertical fastening method for snapping onto 60 mm busbar systems height 260 mm width 90 mm depth 155 mm required spacing • for grounded parts — forwards — backwards — onwards — at the side — 10 mm — downwards • for live parts — forwards • for live parts — forwards — obackwards — obackwards — obackwards — obackwards — of ownwards • for live parts — forwards — 10 mm — backwards — ownwards • for live parts — forwards — 10 mm — backwards — ownwards • for live parts — forwards — 10 mm — backwards — ownwards • for live parts — forwards — obackwards — ownwards — obackwards — omn — ownwards — other incometion • for main current circuit • for auxiliary and control circuit spring-loaded terminals type of electrical connection • for main current circuit • for auxiliary and control circuit spring-loaded terminals spring-loaded terminals spring-loaded terminals		
tesponse value current of instantaneous short-circuit trip unit 16 A ULCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 480 V rated value • 0.75 hp - at 575/800 V rated value • 0.75 hp Short-circuit protection product function short circuit protection • at 400 V according to IEC 60947-4.1 rated value • at 400 V according to IEC 60947-4.1 rated value 150 000 A Installation/ mounting/ dimensions mounting position • at 400 V according to IEC 60947-4.1 rated value 150 000 A Installation/ mounting/ dimensions mounting position • at 400 V according to IEC 60947-4.1 rated value 150 000 A Installation/ mounting/ dimensions mounting position • at 400 V according to IEC 60947-4.1 rated value 150 000 A Installation/ mounting/ dimensions mounting position • at 400 V according to IEC 60947-4.1 rated value 150 000 A Installation/ mounting/ dimensions mounting position • at 400 V according to IEC 60947-4.1 rated value 150 000 A Installation/ mounting/ dimensions mounting position • for snapping onto 60 mm busbar systems height	trip class	CLASS 10
response value current of instantaneous short-circuit trip unit ULCSA ratings Iffull-lada current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 670 V rated value — at 675:600 V rated value — or 675 hp Short-circuit protection product function short circuit trop magnetic conditional short-circuit current (tq) • at 400 V according to IEC 60947-4-1 rated value Installation/mounting/dimensions mounting position fastening method for snapping onto 60 mm busbar systems height 260 mm width 90 mm depth 155 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — 10 mm — downwards • for live parts — forwards • for live parts — forwards — upwards • for live parts — forwards — ownwards — ow	•	thermal (bimetallic)
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 680 V rated value • at 675 Phase AC motor • at 480 V rated value • at 575 960 V rated value • at 400 V according to Full trip conditional short-circuit turp magnetic conditional short-circuit turp (a) • at 400 V according to IEC 60947-4-1 rated value Installation mounting/ dimensions mounting position fastening method for snapping onto 60 mm busbar systems height polymous p	response value current of instantaneous short-circuit trip unit	16 A
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 680 V rated value • at 670 V rated value • at 575/600 V rated value • 0.75 hp Short-circuit protection product function short circuit trip magnetic conditional short-circuit turnet (q) • at 400 V according to IEC 60947-4-1 rated value Installation mounting/ dimensions mounting position vertical fastening method for snapping onto 60 mm busbar systems height vidth 90 mm depth 155 mm required spacing • for grounded parts • for grounded parts • powards • backwards • upwards • for live parts • for live parts • for live parts • for live parts • downwards • Jo mm • downwards • Jo mm • for main current circuit • for forming current circuit • for forming current circuit • for main current circuit • for main current circuit • for main current circuit • for forming control circuit • spring-loaded terminals • Safety related data	<u> </u>	
• at 600 V rated value 1.25 A	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] • for 3-phase AC motor — at 460/480 V rated value — at 575/600 V rated value product function short circuit protection design of the short-circuit trip — magnetic conditional short-circuit current (lq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method for snapping onto 60 mm busbar systems height — 280 mm width — 90 mm depth — 155 mm required spacing • for grounded parts — forwards — backwards — upwards — backwards — at the side — downwards — 10 mm — downwards — for live parts — forwards — backwards — upwards — backwards — backwards — 10 mm — odwnwards — the side — downwards — 10 mm — to rive parts — forwards — at the side — at the side — at the side — downwards — 10 mm — for live parts — forwards — backwards — the side — the side — the side — at the side — a	at 480 V rated value	1.25 A
of ro 3-phase AC motor — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value O.75 hp Short-circuit protection product function short circuit protection yes design of the short-circuit trip magnetic conditional short-circuit trip ontitional short-circuit trip at 400 V according to IEC 60947-4-1 rated value Installation mounting dimensions mounting position fastening method for snapping onto 60 mm busbar systems height 260 mm width 90 mm depth 155 mm required spacing of or grounded parts — forwards — backwards — upwards — at the side — downwards — forwards — at the side — downwards — backwards — backwards — upwards — forwards — at the side — downwards — of or live parts — forwards — backwards — upwards — bothwards — to mm • for live parts — downwards — downwards — upwards — bothwards — upwards — bothwards — upwards — downwards — to mm — downwards — upwards — of or live parts — at the side — downwards — upwards — bothwards — upwards — of or main current circuit — at the side — at the side — at the side — of own mm — of or live parts — at the side — of own mm — own mm — own mm — own mm	 at 600 V rated value 	1.25 A
- at 460/480 V rated value 0.75 hp - at 575/600 V rated value 0.75 hp 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 mounting position vertical fastening method for snapping onto 60 mm busbar systems height 260 mm width 990 mm depth 155 mm required spacing • for grounded parts - forwards 32 mm - backwards 0 mm - upwards 50 mm - at the side 10 mm - downwards 10 mm - for live parts - forwards 32 mm - backwards 0 mm - upwards 50 mm - at the side 10 mm - backwards 0 mm - upwards 50 mm - at the side 10 mm - downwards 10 mm - at the side 10 mm - downwards 10 mm - at the side 10 mm - downwards 10 mm - at the side 10 mm - downwards 50 mm - at the side 10 mm - for main current circuit spring-loaded terminals - at the side 10 mm - for maxiliary and control circuit spring-loaded terminals - for maxiliary and control circuit spring-loaded terminals	yielded mechanical performance [hp]	
Short-circuit protection product function short circuit troitection design of the short-circuit turip 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 90 mm depth required spacing • for grounded parts — forwards — at the side — downwards — of ownwards — for live parts — forwards — backwards — ownwards — upwards • for live parts — forwards — backwards — ownwards — upwards • for live parts — forwards — backwards — ownwards — the side — lownwards — upwards — backwards — ownwards — lownwards — to mm — at the side — lownwards — lownwards — upwards — backwards — ownwards — lownwards — ownwards — lownwards — ownwards — lownwards — ownwards — ownw	• for 3-phase AC motor	
Short-circuit protection product function short circuit trip design of the short-circuit trip at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height 260 mm width 90 mm depth 155 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards • for live parts — forwards • Jamm • for live parts — forwards • Jamm • for live parts — forwards — backwards • for live parts — forwards • for live parts — forwards — backwards — hackwards • for live parts — forwards — backwards — hackwards • for live parts — forwards — backwards — hackwards — hownwards • for live parts — forwards — backwards — hownwards — h	— at 460/480 V rated value	0.75 hp
product function short circuit protection design of the short-circuit current (lq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height 260 mm width 90 mm depth 155 mm required spacing • for grounded parts — forwards — at the side — downwards — of ownwards • for live parts — forwards — backwards — backwards — of many and the side — downwards — backwards — to mm • for live parts — forwards — backwards — backwards — to mm • for mile parts — forwards — at the side — downwards — to mm • for mile parts — forwards — backwards — to mm • for mile parts — forwards — to mm • for mile parts — forwards — backwards — to mm • for mile parts — forwards — backwards — to mm • for mile parts — forwards — to mm • for mile parts — forwards — to mm • for mile parts — forwards — to mm • for mile parts — forwards — to mm • for mile parts — forwards — to mm • for mile parts — forwards — to mm • for mile parts — forwards — of mi	— at 575/600 V rated value	0.75 hp
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conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method for snapping onto 60 mm busbar systems height 260 mm width 90 mm depth 155 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards — for live parts — forwards — backwards — upwards • for live parts — forwards — upwards • for live parts — forwards — backwards — upwards — the side — hackwards — hackwards — lo mm • for live parts — forwards — backwards — upwards — backwards — hackwards — upwards — the side — lo mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit spring-loaded terminals Safety related data		
at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method for snapping onto 60 mm busbar systems height width 90 mm depth 155 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — upwards — backwards — own • for rowards • for rowards • for newards — to mm • for live parts — downwards — upwards — at the side — downwards — upwards — at the side — forwards — at the side — forwards — at the side — to mm • for live parts — forwards — upwards — at the side — downwards — upwards — to mm • for min current circuit • for main current circuit • for main current circuit • for main current circuit • for maxiliary and control circuit spring-loaded terminals Safety related data		Yes
Installation/ mounting/ dimensions mounting position fastening method for snapping onto 60 mm busbar systems height 260 mm width 990 mm depth 155 mm required spacing • for grounded parts — forwards 32 mm — backwards 0 mm — upwards 50 mm — at the side 10 mm — downwards 10 mm • for live parts — forwards 32 mm — backwards 0 mm — at the side 10 mm — at the side 10 mm • for live parts — backwards 0 mm • for live parts — backwards 10 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals safety related data	product function short circuit protection	
mounting position fastening method height 260 mm width 90 mm depth 155 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards • for live parts — towards — upwards • for live parts — towards — at the side — downwards • for live parts — towards — upwards — backwards — to mm • for live parts — forwards — at the side — to mm — to mm • for live parts — backwards — upwards — backwards — to mm — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit spring-loaded terminals Safety related data	product function short circuit protection design of the short-circuit trip	
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height 260 mm width 90 mm depth 155 mm required spacing • for grounded parts — forwards 32 mm — backwards 0 mm — upwards 50 mm — at the side 10 mm — downwards 10 mm • for live parts 32 mm — backwards 0 mm — upwards 32 mm — backwards 0 mm — upwards 50 mm — downwards 10 mm — at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals Safety related data	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	magnetic
width 90 mm depth 155 mm required spacing • for grounded parts — forwards 32 mm — backwards 0 mm — upwards 50 mm — at the side 10 mm • for live parts — forwards 32 mm • of or live parts — forwards 32 mm • to mm • for live parts — forwards 32 mm — at waste of the side 10 mm • for live parts — forwards 32 mm — backwards 0 mm — upwards 50 mm — downwards 10 mm — at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals Safety related data	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	magnetic 150 000 A
depth 155 mm required spacing for grounded parts forwards backwards upwards qupwards at the side downwards for live parts 10 mm of for live parts 32 mm backwards 0 mm upwards 50 mm downwards 10 mm at the side 10 mm Connections/ Terminals type of electrical connection of or main current circuit spring-loaded terminals of or auxiliary and control circuit spring-loaded terminals	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	magnetic 150 000 A vertical
required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — o mm • for main current circuit • for main current circuit • for auxiliary and control circuit Sagety related data 32 mm 9 mm	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	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems
for grounded parts — forwards — backwards — upwards — at the side — downwards — for live parts — forwards — backwards — o mm — downwards — for live parts — forwards — backwards — backwards — upwards — upwards — downwards — downwards — at the side — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit Safety related data	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	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm
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backwards	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	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm
- upwards 50 mm - at the side 10 mm - downwards 10 mm • for live parts - forwards 32 mm - backwards 0 mm - upwards 50 mm - downwards 10 mm - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals Safety related data	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	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm
- at the side 10 mm - downwards 10 mm • for live parts - forwards 32 mm - backwards 0 mm - upwards 50 mm - downwards 10 mm - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals Safety related data	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	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm
- downwards • for live parts - forwards - backwards - upwards - 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 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	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm
for live parts — forwards — backwards — upwards — upwards — downwards — at the side — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit Safety related data spring-loaded terminals Safety related data	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	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm
- forwards 32 mm - backwards 0 mm - upwards 50 mm - downwards 10 mm - at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals Safety related data	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	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm
- backwards 0 mm - upwards 50 mm - downwards 10 mm - at the side 10 mm Connections/ Terminals type of electrical connection	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 — downwards	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm
 — upwards — downwards — at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit spring-loaded terminals Safety related data 	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 — downwards • for live parts	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm
— downwards — at the side 10 mm Connections/ Terminals type of electrical connection	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 — downwards • for live parts — forwards	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 10 mm 10 mm 10 mm 10 mm
— at the side 10 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals Safety related data	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 — downwards • for live parts — forwards — backwards — backwards — backwards — torwards — backwards	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 10 mm 10 mm 10 mm 32 mm 0 mm
type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals Safety related data	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 — downwards • for live parts — forwards — backwards — backwards — backwards — upwards • for live parts — forwards — backwards — backwards — upwards	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm 0 mm 50 mm
type of electrical connection • for main current circuit spring-loaded terminals • for auxiliary and control circuit spring-loaded terminals Safety related data	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 — downwards • for live parts — forwards — backwards — backwards — upwards — torwards — backwards — upwards — hackwards — backwards — backwards — backwards — backwards — backwards — upwards — downwards	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm 50 mm
 for main current circuit for auxiliary and control circuit Safety related data spring-loaded terminals	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 — downwards • for live parts — forwards — backwards — upwards — downwards — at the side — downwards — at the side	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm 50 mm
◆ for auxiliary and control circuit spring-loaded terminals Safety related data	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 — downwards • for live parts — forwards — backwards — backwards — upwards — downwards — torwards — backwards — at the side — downwards — backwards — upwards — at the side — downwards — at the side — downwards — at the side	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm 50 mm
Safety related data	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 — downwards • for live parts — forwards — backwards — upwards — at the side — downwards — to ackwards — upwards — to ackwards — to ackwards — to ackwards — at the side Connections/ Terminals type of electrical connection	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm 50 mm 10 mm 10 mm
	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 — downwards • for live parts — forwards — backwards — upwards — at the side — downwards — torwards — backwards — upwards — torwards — torwards — torwards — torwards — at the side Connections/ Terminals type of electrical connection • for main current circuit	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm
B10 value with high demand rate according to SN 31920 1 000 000	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 — downwards • for live parts — forwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm
	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 — downwards • for live parts — forwards — backwards — upwards — at the side — downwards — towards — backwards — upwards — backwards — upwards — torwards — backwards — upwards — for main current circuit • for main current circuit • for auxiliary and control circuit Safety related data	magnetic 150 000 A vertical for snapping onto 60 mm busbar systems 260 mm 90 mm 155 mm 32 mm 0 mm 50 mm 10 mm 10 mm 10 mm 50 mm 10 mm 50 mm 50 mm 10 mm 50 mm

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
0 t:f: t / -	

Certificates/ approvals

General Product Approval

For use in hazardous locations

Declaration of Conformity

Confirmation











Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









Marine / Shipping

other Railway Dangerous Good







Confirmation

Vibration and Shock

Transport Information

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2210-0KH15-2BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2210-0KH15-2BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0KH15-2BB4

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

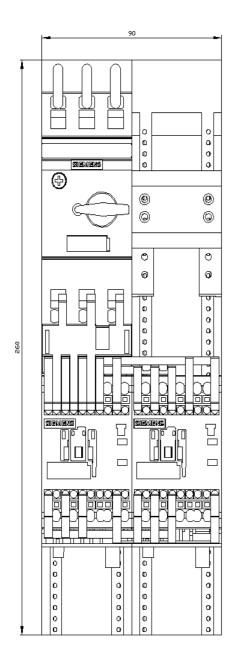
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2210-0KH15-2BB4&lang=en

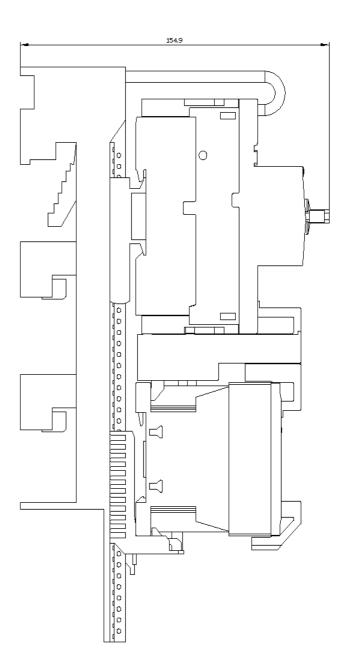
Characteristic: Tripping characteristics, I2t, Let-through current

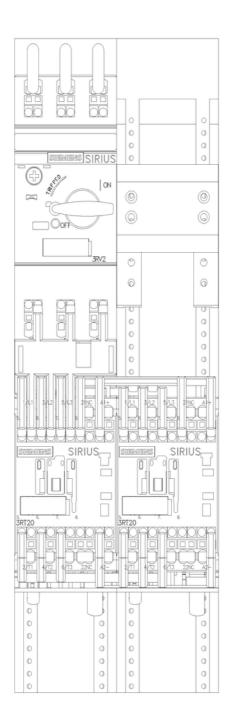
https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0KH15-2BB4/chai

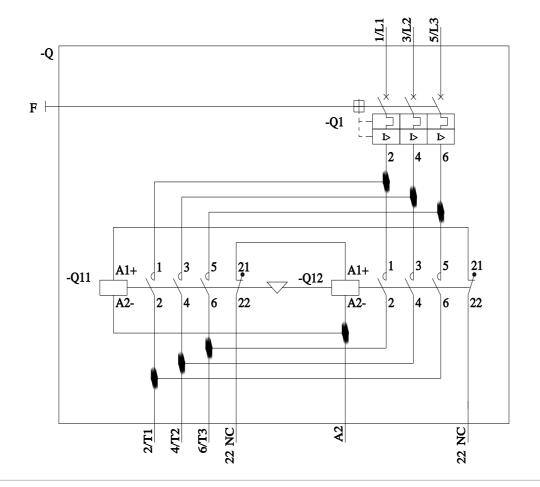
Further characteristics (e.g. electrical endurance, switching frequency)

 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RA2210-0KH15-2BB4\&objecttype=14\&gridview=view1}$









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