Data sheet

3RA2115-1GA16-2BB4



Load feeder fuseless, Direct-on-line starting 400 V AC, Size S00 4.50...6.30 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) 1 NO+1 NC (circuit breaker, transverse)

product brand name	SIRIUS
product designation	Direct (on-line) starter
design of the product	for DIN-rail or screw mounting
product type designation	3RA21
manufacturer's article number	
 of the supplied contactor 	3RT2016-1BB42
of the supplied circuit-breakers	3RV2011-1GA15
of the supplied link module	3RA1921-1DA00
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 	2.7 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
reference code according to IEC 81346-2:2019	Q
SVHC substance name	Lead - 7439-92-1
Weight	0.675 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	
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	4.5 6.3 A
operating voltage	
operating voltage	
• rated value	690 V
	690 V 690 V
• rated value	

operational current		
A AC 3c at 4 400 V rated value 6.3 A	operational current	
Operating power	• at AC-3 at 400 V rated value	
# # # # # # # # # # # # # # # # # # #	at AC-3e at 400 V rated value	6.3 A
at 400 V rated value 2 200 W at 40-23	operating power	
## AIR-C3e	• at AC-3	
	— at 400 V rated value	2 200 W
Centrol circuit/ Centrol Sype of Voltage of the control supply voltage Control supply voltage at DC rated value 24 V Including power of magnet coil at DC 4 W Availary creat. Product extension auxillary switch Productive and monitoring functions trip class CLASS 10 design of the overload release response value current of insantaneous short-circuit trip unit ULCS ratings Itali-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value • of sniple-phase AC motor • at 101/20 V rated value • of sniple-phase AC motor • at 200/288 V rated value • at 200/288 V rated value • at 200/288 V rated value • at 460480 V rated value • at 57600 V rated value • at 57600 V rated value • at 200/288 V rated value • at 360480 V rated value • at 200/288 V rated value • at 360480 V rated value • at 600480 V rated value • bhp Institution in monitoring dimensions mounting production Preduct function short circuit trip magnetic conditional short-circuit current (a) • at 400 V rated value • backwards • backwards • on mounting dimensions mounting position • for grounded parts • for grounde	• at AC-3e	
type of voltage of the control supply voltage	— at 400 V rated value	2 200 W
control supply voltage at DC rated value 24 V holding power of magnet coil at DC 4 W Availary credit product extension auxiliary switch 7 Yes 1 number of NC contacts for auxiliary contacts 1 number of NC contact for auxiliary contacts 1 number of NC contact for auxiliary contacts 1 number of NC contact for auxiliary contacts 2 number of NC contact value 8	Control circuit/ Control	
holding power of magnet coil at DC Aurollary, circuit product extension auxillary switch number of NC contacts for auxillary contacts 1 Protective and monitoring functions trip class CLASS 10 design of the overload release tresponse value current of instantaneous short-circuit trip unit UI/CSA ratings full-load current (FLA) for 3-phase AC motor • at 460 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • at 200 V rated value • of or single-phase AC motor — at 110/120 V rated value • of or Single-phase AC motor — at 200 V rated value • at 460480 V rated value • at 575600 V rated value • at 575600 V rated value • at 460480 V rated value • at 4604 V according to IEC 60947-4-1 rated value monthing position Fround spacing • for grounded parts — lowards • lowards • or many and snap-on mounting onto 35 mm DIN rail height victh victh victh victor • or many and snap-on mounting onto 35 mm DIN rail height victh victh victor • or many and snap-on mounting onto 35 mm DIN rail height victor • or many and snap-on mounting onto 35 mm DIN rail height victor • or many and snap-on mounting onto 35 mm DIN rail height victor • or many and snap-on mounting onto 35 mm DIN rail height victor • or many and snap-on mounting onto 35 mm DIN rail height victor • or many and snap-on mounting onto 35 mm DIN rail height victor • or many and snap-on mounting onto 35 mm DIN rail height victor • or many and snap-on mounting onto 35 mm DIN rail height victor • or many and snap-on mounting onto 35 mm DIN rail height victor	type of voltage of the control supply voltage	DC
Asvillary circuit product extension auxillary switch number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 protective and monitoring functions trip class CLASS 10 design of the eventoal release response value current of instinateneous short-circuit trip unit ULCSA ratings Itali-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 800 V rated value yielded mechanical performance [tip] • for single-phase AC motor • at 480 V rated value — at 230 V rated value — at 230 V rated value — at 200208 V rated value — at 400480 V rated value — at 575/600 V rated value — at 400480 V rated value — at 576/600 V rated value — at 440 V saced value — at 440 V saced value	control supply voltage at DC rated value	24 V
Asvillary circuit product extension auxillary switch number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 protective and monitoring functions trip class CLASS 10 design of the eventoal release response value current of instinateneous short-circuit trip unit ULCSA ratings Itali-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 800 V rated value yielded mechanical performance [tip] • for single-phase AC motor • at 480 V rated value — at 230 V rated value — at 230 V rated value — at 200208 V rated value — at 400480 V rated value — at 575/600 V rated value — at 400480 V rated value — at 576/600 V rated value — at 440 V saced value — at 440 V saced value	holding power of magnet coil at DC	4 W
product extension auxillary switch number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 Protective and monitoring functions trip class CILASS 10 design of the overload release tresponse value current of instantaneous short-circuit trip unit UICSA ratings Tull-load current (FLA) for 3-phase AC motor • at 800 V rated value • at 800 V rated value • at 800 V rated value • at 600 V rated value • for single-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • for phase AC motor — at 200/208 V rated value • for phase AC motor — at 200/208 V rated value • for phase AC motor — at 200/208 V rated value • for phase AC motor — at 200/208 V rated value • for phase AC motor — at 200/208 V rated value • for phase AC motor — at 200/208 V rated value • for phase AC motor — at 200/208 V rated value • for phase AC motor — at 20 mm — for wards — backwards — forwards — backwards — ommorphis — forwards — backwards — ommorphis — of phase AC motor — at the side — downwards — ommorphis — of minus Vertical — at the side — ownwards — ommorphis — of minus Vertical Office AC mo		
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts trip class CLASS 10 design of the overload release response value current of instantaneous short-circuit trip unit ULICSA ratings ULICSA rating		Yes
number of NO contacts for auxiliary contacts Protective and monitoring functions trip class design of the overload release response value current of instantaneous short-circuit trip unit ULICSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 500 V rated value • at 600 V rated value • at 2002 V rated value • for 3-phase AC motor — at 200230 V rated value • for 3-phase AC motor — at 200230 V rated value • at 200208 V rated value • at 200208 V rated value • at 200208 V rated value — at 460480 V rated value 5 hp product function short circuit protection yes design of the short-circuit trip conditional short-circuit current (tq) • at 400 V according to IEC 69047-41 rated value 150 000 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail height 167 mm width 45 mm depth - provards - backwards - upwards - for live parts - downwards - downwards - downwards - downwards - downwards - for live parts - for live parts - for live parts - downwards - for live parts - downwards - downward	<u> </u>	
Protective and monitoring functions trip class		
trip class design of the overload release response value current of instantaneous short-circuit trip unit UCGSA ratings Tull-oad current (FLA) for 3-phase AC motor at 460 V rated value at 600 V rated value of 3 A yielded mechanical performance (rip) of single-phase AC motor — at 1101/20 V rated value of 3 A yielded mechanical performance (rip) of single-phase AC motor — at 1101/20 V rated value of 3-phase AC motor — at 200/208 V rated value of 3-phase AC motor — at 200/208 V rated value of 3-phase AC motor — at 200/208 V rated value of 3-phase AC motor — at 200/208 V rated value of 3-phase AC motor — at 200/208 V rated value of 3-phase AC motor — at 200/208 V rated value of 3-phase AC motor — at 200/208 V rated value of 3-phase AC motor — at 460/480 V rated value of 3-phase AC motor — at 460/480 V rated value of 3-phase AC motor — at 460/480 V rated value of 3-phase AC motor — at 460/480 V rated value of 3-phase AC motor at 460/480 V rated value of 3-phase AC motor at 460/480 V rated value of 3-phase AC motor vertical standard mounting of mensions mounting position vertical statistation mounting of imensions mounting position vertical statistation mounting dimensions mounting position vertical statistation mounting of mensions mounting position vertical of mm of orgounded parts of orgounded part	·	
design of the overload release response value current of instantaneous short-circuit trip unit UICSA retings Tull-load current (FLA) for 3-phase AC motor • at 480 V rated value • d. 6.3 A • at 800 V rated value • d. 6.3 A violed mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 200/208 V rated value • for 3-phase AC motor — at 200/208 V rated value • at 220/203 V rated value • at 220/203 V rated value • at 480-480 V rated value • at 480-480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • b for 3-phase AC motor — at 200/208 V rated value • 5 hp — at 575/600 V rated value • 5 hp Short-circuit protection product function short circuit protection yes design of the short-circuit current (q) • at 400 V according to IEC 60947-4-1 rated value Installation mounting dimensions mounting position vertical fastening method • screw and snap-on mounting onto 35 mm DIN rail height victh 45 mm doph 97 mm required spacing • for grounded parts — forwards — upwards — backwards — upwards • for live parts — forwards — backwards — onmade — odomwards — of ownwards — of		CLASS 10
Tesponse value current of instantaneous short-circuit trip unit \$2.4		
VUCSA ratings full-odd current (FLA) for 3-phase AC motor		
full-load current (FLA) for 3-phase AC motor • at 480 V rated value 6.3 A 2 at 800 V rated value 6.3 A yielded mechanical performance [tp] • for single-phase AC motor — at 110/120 V rated value 0.25 hp — at 230 V rated value 0.75 hp • for 3-phase AC motor — at 200/208 V rated value 2 ph — at 2200/208 V rated value 2 ph — at 2200/208 V rated value 5 hp — at 460/480 V rated value 5 hp — at 460/480 V rated value 5 hp — at 575/600 V rated value 5 hp product function short circuit protection Yes design of the short-circuit turp magnetic conditional short-circuit current (tq) • at 400 v according to EC 60407-4-1 rated value 150 000 A Installation/ mounting/ dimensions mounting position vertical fastening method screw and snap-on mounting onto 35 mm DIN rail height 97 mm required spacing • for grounded parts — forwards 20 mm — backwards 0 mm — the side 20 mm — backwards 10 mm — the side 20 mm — backwards 0 mm — backwards 0 mm — to rive parts — forwards 20 mm — backwards 0 mm — to rive parts — forwards 20 mm — backwards 0 mm — the side 20 mm — backwards 0 mm — the side 20 mm — backwards 0 mm — downwards 10 mm — to rive parts — forwards 20 mm — backwards 0 mm — downwards 10 mm — the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm	· ·	VE / C
• at 480 V rated value 6.3 A • at 600 V rated value 6.3 A yelded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 0.25 hp — at 230 V rated value 0.75 hp • for 3-phase AC motor — at 200/208 V rated value 2 hp — at 220/230 V rated value 5 hp — at 270/208 V rated value 5 hp — at 575/500 V rated value 5 hp — at 375/500 V rated value 7 hp — at 375/500 V rated value 7 hp — at 375/500 V rated value 7 hp — at 400 V according to IEC 60947-4-1 rated value 8 he short-circuit trup 7 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hstallation/ mounting/ dimensions 8 he short-circuit trup 8 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hstallation/ mounting/ dimensions 9 he returned 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V according to IEC 60947-4-1 rated value 150 000 A 1 hp — at 400 V acco		
• at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — of 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — best, value — at 575/600 V rated value — at 575/600 V rated value — best, value — at 400 V according to IEC 60947-4-1 rated value • at 400 V according to IEC 60947-4-1 rated value		631
vielded mechanical performance [hp] for single-phase AC motor		
• for single-phase AC motor — at 1101/120 V rated value — at 230 V rated value		6.3 A
- at 1101/120 V rated value 0.75 hp 0		
- at 230 V rated value	.	0.051
of or 3-phase AC motor — at 200/238 V rated value 2 hp — at 240/280 V rated value 5 hp — at 460/480 V rated value 5 hp — at 4575/600 V rated value 5 hp — at 575/600 V rated value 5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic conditional short-circuit current (dg) • at 400 V according to IEC 60947-4-1 rated value 150 000 A Installation/mounting/ dimensions mounting position vertical fastening method screw and snap-on mounting onto 35 mm DIN rail height 645 mm depth 97 mm required spacing of or grounded parts — forwards 20 mm — at the side 20 mm — downwards 10 mm of or live parts — forwards 20 mm — backwards 0 mm of or live parts — forwards 20 mm — abckwards 0 mm — upwards 50 mm — at the side 20 mm — downwards 10 mm of or live parts — forwards 20 mm — abckwards 0 mm — upwards 50 mm — at the side 20 mm — downwards 10 mm of or live parts — forwards 20 mm — at the side 20 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm		
- at 200/208 V rated value 2 hp - at 220/230 V rated value 5 hp - at 460/480 V rated value 5 hp Short-circuit protection product function short circuit trip magnetic conditional short-circuit current (q) at 400 V according to IEC 60947-4-1 rated value 150 000 A Installation/ mounting/ dimensions mounting position vertical fastening method screw and snap-on mounting onto 35 mm DIN rail fastening method 5 mm 45 mm 45 mm 45 mm 46 m		0.75 hp
at 220/230 V rated value	•	
at 460/480 V rated value		
Short-circuit protection product function short circuit protection Yes design of the short-circuit trip magnetic conditional short-circuit current (q) • at 400 V according to IEC 60947-4-1 rated value 150 000 A Installation/ mounting/ dimensions mounting position vertical fastening method screw and snap-on mounting onto 35 mm DIN rail height 167 mm width 45 mm depth 97 mm required spacing • for grounded parts — forwards 20 mm — at the side 20 mm • for live parts — forwards 20 mm • for live parts — forwards 20 mm • for live parts — forwards 20 mm • for live parts — downwards 50 mm — at the side 20 mm — downwards 0 mm • for live parts — forwards 20 mm — downwards 0 mm — at the side 20 mm — downwards 0 mm — at the side 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — downwards 10 mm — at the side 20 mm — at the side 20 mm — at the side 20 mm	— at 220/230 V rated value	·
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 idepth for grounded parts for grounded parts - forwards - upwards - at the side - for live parts - forwards - upwards - for live parts - forwards - upwards - for live parts - forwards - upwards - backwards - for live parts - forwards - upwards - backwards - for live parts - forwards - upwards - backwards - to mm	— at 460/480 V rated value	5 hp
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 vertical fastening method screw and snap-on mounting onto 35 mm DIN rail height width 45 mm depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards • for live parts — forwards — to mm • for live parts — forwards — backwards — upwards • for live parts — forwards — backwards — to mm • for live parts — forwards — backwards — backwards — o mm — upwards • for live parts — forwards — backwards — backwards — backwards — to mm — upwards — to mm — upwards — backwards — backwards — o mm — upwards — to mm — upwards — to mm — upwards — backwards — o mm — upwards — to mm — upwards — to mm — upwards — downwards — to mm — upwards — downwards — o mm — at the side Connections/ Terminals type of electrical connection		5 hp
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Installation/ mounting/ dimensions mounting position fastening method height depth 167 mm width 45 mm depth 97 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards — for wards • for live parts — forwards — backwards — obackwards — odomwards • for live parts — forwards — backwards — the side — downwards • for live parts — forwards — backwards — backwards — backwards — the side — downwards — the side — backwards — backwards — backwards — backwards — backwards — the side — commediate the side — connections/ Terminals type of electrical connection	conditional short-circuit current (Iq)	
mounting position fastening method screw and snap-on mounting onto 35 mm DIN rail height 167 mm width 45 mm depth 97 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — backwards — o mm • tor live parts — forwards — backwards — upwards — backwards — to mm • for live parts — forwards — backwards — upwards — backwards — backwards — upwards — to mm - to mm - to mm - downwards — upwards — backwards — upwards — backwards — upwards — backwards — upwards — backwards — upwards — to mm - downwards — upwards — to mm - downwards — upwards — downwards — upwards — downwards — upwards — downwards — the side Connections/ Terminals type of electrical connection	 at 400 V according to IEC 60947-4-1 rated value 	150 000 A
fastening method screw and snap-on mounting onto 35 mm DIN rail height 167 mm width 45 mm depth 97 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — o mm • of or live parts — forwards — backwards — to mm • for mice parts — forwards — backwards — backwards — backwards — to mm • for mm • for mm • for mm • for mm • forwards — backwards — backwards — upwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection	Installation/ mounting/ dimensions	
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width 45 mm depth 97 mm required spacing 7 mm • for grounded parts 20 mm — forwards 0 mm — backwards 0 mm — at the side 20 mm — downwards 10 mm • for live parts 20 mm — backwards 0 mm — upwards 50 mm — downwards 10 mm — at the side 20 mm Connections/ Terminals type of electrical connection	fastening method	screw and snap-on mounting onto 35 mm DIN rail
depth 97 mm required spacing	height	167 mm
required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — backwards — upwards — to mm • for live parts — forwards — backwards — backwards — upwards — downwards — upwards — downwards — to mm Connections/ Terminals type of electrical connection	width	45 mm
for grounded parts — forwards — backwards — upwards — at the side — downwards — for live parts — forwards — backwards — upwards — forwards — upwards — backwards — upwards — upwards — at the side — downwards — at the side — at the side — connections/ Terminals type of electrical connection	depth	97 mm
forwards 20 mm backwards 0 mm upwards 50 mm at the side 20 mm downwards 10 mm ■ for live parts forwards 20 mm backwards 0 mm upwards 50 mm upwards 50 mm downwards 10 mm at the side 20 mm Connections/ Terminals type of electrical connection	required spacing	
forwards 20 mm backwards 0 mm upwards 50 mm at the side 20 mm downwards 10 mm ■ for live parts forwards 20 mm backwards 0 mm upwards 50 mm upwards 50 mm downwards 10 mm at the side 20 mm Connections/ Terminals type of electrical connection		
- upwards 50 mm - at the side 20 mm - downwards 10 mm • for live parts - forwards 20 mm - backwards 0 mm - upwards 50 mm - downwards 10 mm - at the side 20 mm Connections/ Terminals type of electrical connection		20 mm
 — upwards — at the side — downwards — for live parts — forwards — backwards — backwards — upwards — downwards — downwards — at the side 20 mm Connections/ Terminals type of electrical connection 	— backwards	0 mm
- at the side 20 mm - downwards 10 mm • for live parts - forwards 20 mm - backwards 0 mm - backwards 50 mm - downwards 10 mm - at the side 20 mm Connections/ Terminals type of electrical connection	— upwards	50 mm
- downwards • for live parts - forwards - backwards - upwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection	·	20 mm
● for live parts — forwards — backwards — upwards — upwards — downwards — at the side Connections/ Terminals type of electrical connection		
— forwards 20 mm — backwards 0 mm — upwards 50 mm — downwards 10 mm — at the side 20 mm Connections/ Terminals type of electrical connection		
— backwards 0 mm — upwards 50 mm — downwards 10 mm — at the side 20 mm Connections/ Terminals type of electrical connection	·	20 mm
- upwards 50 mm - downwards 10 mm - at the side 20 mm Connections/ Terminals type of electrical connection		
- downwards 10 mm - at the side 20 mm Connections/ Terminals type of electrical connection		
— at the side 20 mm Connections/ Terminals type of electrical connection	·	
Connections/ Terminals type of electrical connection		
type of electrical connection		20 11111
▼ TOF THAIN CUTTERIL CITCUIT SCIEW-type terminals		corow type terminals
	● IOI Main current Circuit	solew-type terrimas

 for auxiliary and control circuit 	screw-type terminals
Safety related data	
product function suitable for safety function	Yes
Electrical Safety	
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
Approvals Certificates	

General Product Approval

For use in hazardous locations





Confirmation







Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









Marine / Shipping





Confirmation

other

Special Test Certificate

Railway

<u>Transport Information</u>

Dangerous goods



Environmental Confirmations

Further information

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=3RA2115-1GA16-2BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2115-1GA16-2BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2115-1GA16-2BB4

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

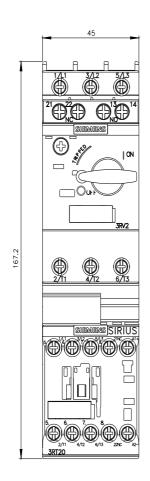
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2115-1GA16-2BB4&lang=en

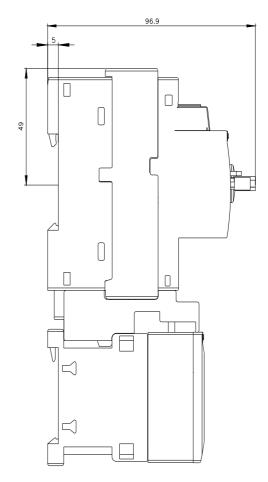
Characteristic: Tripping characteristics, I2t, Let-through current

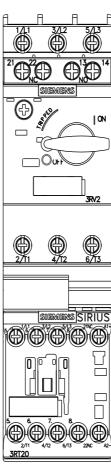
https://support.industry.siemens.com/cs/ww/en/ps/3RA2115-1GA16-2BB4/char

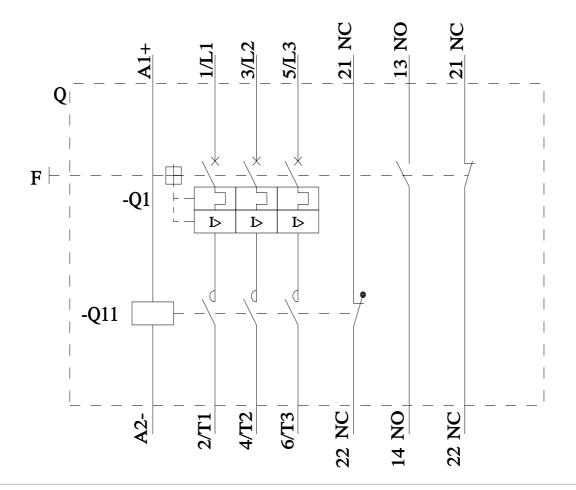
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2115-1GA16-2BB4&objecttype=14&gridview=view1









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