3RA2210-0GA15-2AK6





FUSELESS LOAD FEEDER REVERSING OPERATION, 400 V AC, S00 0.45 TO 0.63 A 3 KW, 110/120V AC 50/60 HZ SCREW TERMINAL FOR STANDARD RAIL MOUNTING, TYPE OF COORDINATION 2, IQ = 150 KA (ALSO FULFILLS TYPE OF COORDINATION 1) 1NC (CONTACTOR)

product brand name	SIRIUS	
product designation	non-fused load feeders 3RA2	
design of the product	reversing starter	
manufacturer's article number		
 of the supplied contactor 	3RT2015-1AK62	
 of the supplied circuit-breakers 	3RV2011-0GA10	
 of the supplied link module 	3RA1921-1DA00	
General technical data		
size of the circuit-breaker	S00	
size of load feeder	S00	
product extension auxiliary switch	Yes	
insulation voltage with degree of pollution 3 at AC rated value	690 V	
degree of pollution	3	
surge voltage resistance rated value	6 kV	
shock resistance according to IEC 60068-2-27	6g / 11 ms	
mechanical service life (switching cycles) of contactor typical	30 000 000	
type of assignment	2	
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	
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	0.45 0.63 A	
operating voltage		
rated value	690 V	
at AC-3 rated value maximum	690 V	
	50 60 Hz	
operating frequency rated value	30 00 HZ	
operating frequency rated value operational current at AC-3 at 400 V rated value	0.6 A	
operational current at AC-3 at 400 V rated value		
operational current at AC-3 at 400 V rated value operating power at AC-3	0.6 A	
operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value	0.6 A 180 W	

control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • apparent holding power of magnet coil at AC Protective and monitoring functions trip class CLASS 10 design of the overload release response value current of instantaneous short-circuit trip unit Short-circuit protection product function short circuit protection edispling of the short-circuit trip conditional short-circuit current (ii) • at 690 V according to IEC 69047-4-1 rated value • at 400 V according to IEC 69047-4-1 rated value • at 500 V according to IEC 69047-4-1 rated value • at 600 V according to IEC 69047-4-1 rated value • at 500 V according to IEC 69047-4-1 rated value • at 600 V according to IEC 69047-4-1 rate			
• at 60 Hz rated value Protective and monitoring functions trip class design of the overload release response value current of instantaneous short-circuit trip unit Stort-circuit protection product function short-circuit protection design of the short-circuit trip conditional short-circuit current (rg) • at 690 V according to IEC 69947-4-1 rated value • at 400 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 500 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 600 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 69947-4-1 rated value • at 690 V according to IEC 699	control supply voltage at AC		
apparent holding power of magnet coil at AC Protective and monitoring functions trip class design of the overload release response value current of instantaneous short-circuit trip unit Short-circuit protection product function short circuit protection 4 at 950 V according to IEC 69947-4-1 rated value 5 at 900 V according to IEC 69947-4-1 rated value 6 at 900 V according to IEC 69947-4-1 rated value 7 at 400 V according to IEC 69947-4-1 rated value 8 at 900 V according to IEC 69947-4-1 rated value 9 at 900 V according to IEC 69947-4-1 rated value 100 000 A 1	 at 50 Hz rated value 	110 V	
Protective and monitoring functions trip class design of the overload release response value current of instantaneous short-circuit trip unit Short-circuit protection product function short circuit trip conditional short-circuit trip at 580 V according to IEC 60947-4-1 rated value at 400 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value hastalion/mounting/dimensions mounting position fastening method height width 90 mm depth required spacing for grounded parts - lorwards - upwards - upwards - downwards - ofor rive parts - for owards - backwards - upwards - backwards -		120 V	
trip class design of the overload release response value current of instantaneous short-circuit trip unit Short-circuit protection product function short-circuit trip magnetic conditional short-circuit current (Iq) • at 690 V according to IEC 60947-4-1 rated value • at 400 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60947-4-1 rated value • at 600 V according to IEC 60949-4-1 rated value • at 600 V according to IEC	apparent holding power of magnet coil at AC	4.2 VA	
design of the overload release response value current of instantaneous short-circuit trip unit Short-circuit protection product function short circuit protection design of the short-circuit trip a t 800 V according to IEC 60947-4-1 rated value at 400 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value to at 500 V according to IEC 60947-4-1 rated value sore wand sap-on mounting onto 35 mm standard mounting rail sore wand sap-on mounting onto 35 mm standard mounting rail fastening method sore wand sap-on mounting onto 35 mm standard mounting rail required spacing for grounded parts for live parts at the side 9 mm 9 m	Protective and monitoring functions		
response value current of instantaneous short-circuit trip unit Short-circuit protection product function short circuit protection design of the short-circuit current (Iq) • at 690 V according to IEC 60947-4-1 rated value • at 400 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value Instalation/ mounting/ climensions mounting position fastening method fastening method height 170 mm width 90 mm depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — upwards — upwards — of ownwards — upwards — ownwards — upwards — ownwards — of or live parts — forwards — upwards — at the side — upwards — ownwards — 10 mm Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWC cables for main contacts finely stranded with core end processing Safety rolated data B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 Certificates/ approvals 8.19 A Yes Message Yes 100 000 A	trip class	CLASS 10	
unit Short-circult protection product function short circuit trip conditional short-circuit trip at 400 V according to IEC 60947-4-1 rated value at 400 V according to IEC 60947-4-1 rated value at 400 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value source at 400 V according to IEC 60947-4-1 rated value 100 000 A 153 00	design of the overload release	thermal (bimetallic)	
Short-circuit protection product function short circuit protection design of the short-circuit current (Iq) • at 690 V according to IEC 60947-4-1 rated value • at 400 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 690 V according to IEC 60947-4-1 rated value • at 690 V according to IEC 60947-4-1 rated value • at 690 V according to IEC 60947-4-1 rated value 170 mm • at the side • for live parts • at 690 V according to IEC 60949 proportion of dangerous failures with high demand rate according to IEC 609529 certificates/approvals	response value current of instantaneous short-circuit trip	8.19 A	
product function short circuit protection design of the short-circuit trip conditional short-circuit trip at 690 V according to IEC 60947-4-1 rated value at 400 V according to IEC 60947-4-1 rated value at 400 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value but 5000 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail height 170 mm width 90 mm depth required spacing for grounded parts for grounded parts buckwards			
design of the short-circuit turper conditional short-circuit current (Iq)	Short-circuit protection		
conditional short-circuit current (lq) • at 690 V according to IEC 60947-4-1 rated value • at 400 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value • at 500 V according to IEC 60947-4-1 rated value 153 000 A	product function short circuit protection	Yes	
at 690 V according to IEC 60947-4-1 rated value at 400 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value building opsition mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail required spacing a for grounded parts building of provided provided parts building of provided p	design of the short-circuit trip	magnetic	
at 400 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value Installation/ mounting/dimensions mounting position fastening method height width 90 mm depth 97.1 mm required spacing for grounded parts — forwards — at the side — downwards — forlive parts — forwards — upwards — upwards — upwards — downwards — downwards — at the side — downwards — at the side — ownwards — to format the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections — at the side connectable conductor cross-sections — at the side downwards —	conditional short-circuit current (Iq)		
e at 500 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth 90 mm depth 97.1 mm required spacing ● for grounded parts — forwards — upwards — at the side — downwards — of or for live parts — forwards — upwards — at the side — downwards — upwards — at the side — downwards — upwards — at the side — downwards — 10 mm ● for live parts — forwards — upwards — a the side — downwards — 10 mm ● for live parts — forwards — upwards — upwards — a the side — downcards — 10 mm • for nain current circuit type of electrical connection for main current circuit type of connectable conductor cross-sections ● for main contacts stranded ● at AWG cables for main contacts connectable conductor cross-section for main contacts sinely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 formaticates/approvals 100 000 A vertical screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting onto 35 mm standard mounting rail screw and snap-on mounting one screw and snap-on mounting one screw and snap-on mounting one screw and snap-on mounting screw and snap-on mounting rail screw and snap	 at 690 V according to IEC 60947-4-1 rated value 	100 000 A	
mounting position fastening method holight width depth for grounded parts - forwards - at the side - downwards - backwards - to for live parts - forwards - backwards - at the side - downwards - backwards - at the side - forwards - backwards - for live parts - for for live parts - for live parts - at the side - backwards - backwards - backwards - to mm - to	 at 400 V according to IEC 60947-4-1 rated value 	153 000 A	
mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail height 170 mm width 90 mm depth 97.1 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — omm — ownwards — at the side — ownwards — ownwards — ownwards — ownwards — ownwards — ownwards — at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529	at 500 V according to IEC 60947-4-1 rated value	100 000 A	
fastening method height width depth 90 mm depth 97.1 mm required spacing • for grounded parts — forwards — backwards — upwards — downwards — forwards — forwards — however a the side — downwards — backwards — upwards — of rive parts — forwards — backwards — omm forwards — however a the side — downwards — upwards — upwards — ownwards — how man a the side — downwards — upwards — upwards — upwards — upwards — ownwards — upwards — upwards — ownwards — upwards — ownwards — ownwards — at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 proportion class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529	Installation/ mounting/ dimensions		
height width 90 mm depth 97.1 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards — backwards — for live parts — forwards — own — backwards — own	mounting position	vertical	
width 90 mm depth 97.1 mm required spacing 97.1 mm • for grounded parts 0 mm — backwards 0 mm — upwards 20 mm — at the side 9 mm — downwards 10 mm • for live parts 0 mm — backwards 0 mm — backwards 0 mm — upwards 20 mm — downwards 10 mm — at the side 9 mm Connections/ Terminals type of electrical connection for main current circuit screw-type terminals type of connectable conductor cross-sections 0.5 4 mm², 2x (0.75 2.5 mm²) • for main contacts stranded 0.5 4 mm², 2x (0.75 2.5 mm²) • at AWG cables for main contacts 2x (20 16), only for contactor 2x (18 14), 2x 12 connectable conductor cross-sections 0.5 2.5 mm² • for wain contacts stranded 0.5 2.5 mm² • at AWG cables for main contacts 2x (20 16), only for contactor 2x (18 14), 2x 12 connectable conductor cross-section for main contacts 73 % at the side 0.5 2.5 mm² In your contact stranded 0.5 2.5 mm² • for main contacts 0.5 2.5 mm² in your contacts <td< td=""><td>fastening method</td><td>screw and snap-on mounting onto 35 mm standard mounting</td><td>g rail</td></td<>	fastening method	screw and snap-on mounting onto 35 mm standard mounting	g rail
required spacing ● for grounded parts ─ for wards ─ backwards ─ upwards ─ at the side ─ downwards ─ for live parts ─ forwards ─ at pwards ─ at many and a parts ─ for wards ─ for wards ─ for live parts ─ for wards ─ backwards ─ backwards ─ backwards ─ upwards ─ downwards ─ at the side ─ at many and and and a secording to SN 31920 protection of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 for many and many	height	170 mm	
required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — o mm • for live parts — forwards — backwards — upwards — backwards — upwards — upwards — upwards — upwards — at the side — downwards — at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 propection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	width	90 mm	
• for grounded parts — forwards — backwards — upwards — at the side — downwards — 10 mm • for live parts — forwards — backwards — backwards — 0 mm • for live parts — forwards — backwards — upwards — upwards — upwards — at the side — downwards — upwards — upwards — at the side — odwnwards — upwards — odwnwards — at the side — odwnwards — at the side — odwnwards — at the side — of mm Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	depth	97.1 mm	
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- backwards - upwards - at the side - downwards 10 mm • for live parts - forwards - backwards - backwards - backwards - upwards - downwards - upwards - downwards - at the side - downwards - upwards - at the side - downwards - d	 for grounded parts 		
- upwards - at the side - downwards 10 mm • for live parts - forwards - backwards - upwards - downwards - downwards - downwards - at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 tertificates/ approvals 20 mm 9 mm 20 mm 20	— forwards	0 mm	
- at the side 9 mm - downwards 10 mm • for live parts - forwards 0 mm - backwards 0 mm - upwards 20 mm - downwards 10 mm - at the side 9 mm Connections/ Terminals type of electrical connection for main current circuit screw-type terminals type of connectable conductor cross-sections • for main contacts stranded 0.5 4 mm², 2x (0.75 2.5 mm²) • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	— backwards	0 mm	
- downwards • for live parts - forwards - backwards - upwards - downwards - downwards - at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 Certificates/ approvals	— upwards	20 mm	
 for live parts forwards backwards upwards downwards at the side mm mm<	— at the side	9 mm	
forwards 0 mm backwards 0 mm upwards 20 mm downwards 10 mm at the side 9 mm Connections/ Terminals type of electrical connection for main current circuit screw-type terminals type of connectable conductor cross-sections for main contacts stranded 0.5 4 mm², 2x (0.75 2.5 mm²) at AWG cables for main contacts 2x (20 16), only for contactor 2x (18 14), 2x 12 connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	— downwards	10 mm	
backwards upwards downwards at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	• for live parts		
— upwards — downwards — at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	— forwards	0 mm	
— downwards — at the side Connections/ Terminals type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	— backwards	0 mm	
- at the side Connections/ Terminals type of electrical connection for main current circuit screw-type terminals type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch provents 9 mm 9 mm 0.5 4 mm², 2x (0.75 2.5 mm²) 2x (20 16), only for contactor 2x (18 14), 2x 12 0.5 2.5 mm² 1 000 000 73 % IP20 Finger-safe, for vertical contact from the front Certificates/ approvals	— upwards	20 mm	
type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	— downwards	10 mm	
type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	— at the side	9 mm	
type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	Connections/ Terminals		
type of connectable conductor cross-sections • for main contacts stranded • at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	type of electrical connection for main current circuit	screw-type terminals	
 for main contacts stranded at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front 		,,	
connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals		0.5 4 mm², 2x (0.75 2.5 mm²)	
connectable conductor cross-section for main contacts finely stranded with core end processing Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	 at AWG cables for main contacts 		
B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals			
proportion of dangerous failures with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	Safety related data		
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protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	proportion of dangerous failures with high demand rate		
Certificates/ approvals	protection class IP on the front according to IEC	IP20	
	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front	
Francisco I D. I. C.	Certificates/ approvals		
General Product Approval For use in hazard- ous locations Conformity	General Product Approval		



Confirmation



EAC





Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>







Marine / Shipping other Railway









Confirmation

Vibration and Shock

Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2210-0GA15-2AK6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2210-0GA15-2AK6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0GA15-2AK6

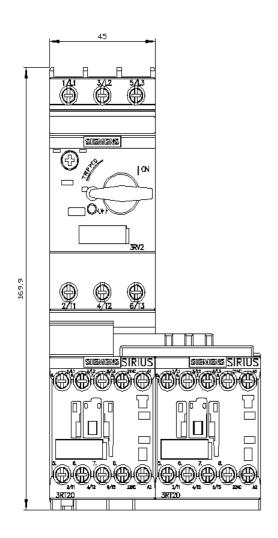
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

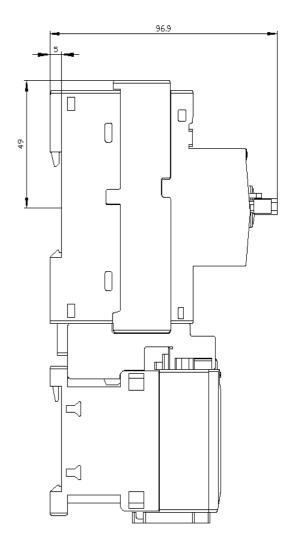
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2210-0GA15-2AK6&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0GA15-2AK6/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-0GA15-2AK6&objecttype=14&gridview=view1





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