3RA2210-1KA17-2AK6

## **Data sheet**



FUSELESS LOAD FEEDER REVERSING OPERATION, AC 400V, S00 9...12.5A, AC 110/120V 50/60HZ SCREW TERMINAL FOR RAIL MOUNTING, TYPE OF ASSIGNMENT 1,IQ = 150KA 1NC (CONTACTOR)

product brand name	SIRIUS	
product designation	non-fused load feeders 3RA2	
design of the product	reversing starter	
manufacturer's article number		
<ul> <li>of the supplied contactor</li> </ul>	3RT2017-1AK62	
<ul> <li>of the supplied circuit-breakers</li> </ul>	3RV2011-1KA10	
<ul> <li>of the supplied link module</li> </ul>	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 (operating cycles) of contactor typical	30 000 000	
type of assignment	1	
Substance Prohibitance (Date)	10/01/2009	
Ambient conditions		
ambient temperature		
<ul> <li>during operation</li> </ul>	-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	9 12.5 A	
operating voltage		
rated value	690 V	
at AC-3 rated value maximum	690 V	
operating frequency rated value	50 60 Hz	
operational current at AC-3 at 400 V rated value	11.5 A	
operating power at AC-3		
• at 400 V rated value	5 500 W	
• at 500 V rated value	7 500 W	
at 690 V rated value	7 500 W	
Control circuit/ Control		
control supply voltage at AC		
• at 50 Hz rated value	110 V	

apparent holding power of magnet coll at AC  Frotestays and motificing functions  (Protestays and motificing functions)  (Protestays and motificing functions)  (Protestays and motificing functions)  (Protestays and motificing functions)  (Protesta Act motificing functions)  (Protestays and motificing functions)  (Protestay and motificing functions)  (Protesta functions)  (	at 60 Hz rated value	120 V
Protective and monitoring functions  Trip class design of the overload release response value current of instantaneous short circuit trip unit  UCGSA retings  full-load current (FLA) for 3-phase AC motor  **al 480 V rated value  **al 600 V rated value  **yelded mechanical performance (Ip)  **for single-phase AC motor  **al 1100 V rated value  **al 200 V rated valu		
trip class design of the overload release response value current of instantaneous short circuit trip unit UICCSA ratings full-load current (FLA) for 3-phase AC motor  • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 100 V rated value • at 200 V rated value • at 200 V rated value • at 100 V rated value • at 200 V rated value • at 400 V rated value • at 500 V rated		
response value current of instantaneous short-circuit trip unit ULGOA rations  full-load current (FLA) for 3-phase AC motor  • 14 480 V raied value • 1 11 A  yleided mechanical performance (hp) • 10 raingle-phase AC motor  • 11 10 /120 V raied value • 11 1 A  yleided mechanical performance (hp) • 10 raingle-phase AC motor  • 11 10 /120 V raied value • 10 /13 /130 V raied value • 11 /13 /130 V raied value • 12 /13 /130 V raied value • 13 /130 V raied value • 14 /130 V raied value • 15 /130 V raied value •		CLASS 10
Tull-load current (FLA) for 3-phase AC motor  • all 480 V rated value  • at 600 V rated value  • at 11 A  yielded mechanical performance [bp]  • for single-phase AC motor  • at 107 20 V rated value  • at 200 V rated value  • for 3-phase AC motor  • at 200 V rated value  • for 3-phase AC motor  • at 200 V rated value  • for 3-phase AC motor  • at 200 V rated value  • at 400 V rated value  • at 400 V rated value  • at 500 V rated value  • at 600 V rated value  • at 600 V raced (rate value)  • at 700 mm  width  • at 600 V raced (rate value)  • for grounded parts  • for wards  • on mm  • for live parts  • for live parts	<u> </u>	thermal (bimetallic)
Tull-load current (FLA) for 3-phase AC motor  all 480 V rated value  11 A  11	response value current of instantaneous short-circuit trip unit	
• at 880 V rated value	UL/CSA ratings	
## at 600 V rated value  yielded mechanical performance [hp]  • for single-phase AC motor  —at 1101/120 V rated value  • lof 3-phase AC motor  —at 220/230 V rated value  • lof 3-phase AC motor  —at 220/230 V rated value  —at 220/230 V rated value  —at 275/560 V rated value  —at 575/600 V rated value  —at 60-480 V rated valu		
yielded mechanical performance (hp)  • for single-phase AC motor  —at 1101/20 V rated value —at 230 V rated value —at 200/208 V rated value —at 200/208 V rated value —at 400/480 V rated value —at 460/480 V rated value —at 460/480 V rated value —at 75/560 V rated value —at 75/560 V rated value —at 75/560 V rated value —at 67/5600 V rated value —at 75/560 V rated value —at 67/5600 V rated value —at 67/5600 V rated value  product function short circuit protection yes design of the short-circuit trip  activity  at 680 V according to IEC 6947-4-1 rated value • at 680 V according to IEC 6947-4-1 rated value • at 680 V according to IEC 6947-4-1 rated value • at 680 V according to IEC 6947-4-1 rated value • at 680 V according to IEC 6947-4-1 rated value • at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 6947-4-1 rated value  at 680 V according to IEC 69529  at 70 rate at 680 V according to IEC 69529  touch protection at 680 V according to IEC 69529  for Individual conductor cross-section for main contacts finely standed with core end processing  according to IEC 69529  for to Individual conductor according to IEC 69529  for touch protection on the front according to IEC 69529  for touch protection on the front according to IEC 69529  for touch protection on the front according to IEC 69529  for touch protection on the front according to IEC 69529  for touch protection according to IEC 69529  for touch protection according to IEC 69529  for touch protection according to IEC 695		11 A
• for single-shase AC motor     — at 110/120 V rated value     — at 200 V rated value     • for 3-phase AC motor     — at 200/208 V rated value     — at 220/2030 V rated value     — at 220/2030 V rated value     — at 220/2030 V rated value     — at 460/480 V rated value     — at 575/600 V rated value     — of 10 pp  Short-circuit protection     — of 200/200 V rated value     — of 200/200 V rated	• at 600 V rated value	11 A
	yielded mechanical performance [hp]	
- at 230 V rated value	• for single-phase AC motor	
• for 3-phase AC motor     — at 200208 V rated value     — at 200209 V rated value     — at 460480 V rated value     — at 460480 V rated value     — at 575600 V rated value     — at 675600 V rated value     — at 690 V according to IEC 60947 4-1 rated value     • at 890 V according to IEC 60947 4-1 rated value     • at 490 V according to IEC 60947 4-1 rated value     • at 490 V according to IEC 60947 4-1 rated value     • at 490 V according to IEC 60947 4-1 rated value     • at 490 V according to IEC 60947 4-1 rated value     • at 490 V according to IEC 60947 4-1 rated value     • at 490 V according to IEC 60947 4-1 rated value     • at 590 V according to IEC 60947 4-1 rated value     • at 590 V according to IEC 60947 4-1 rated value     • at 490 V according to IEC 60947 4-1 rated value     • at 4900 V according to IEC 60947 4-1 rated value     • at 5900 V according to IEC 60947 4-1 rated value     • at 4900 V according to IEC 60947 4-1 rated value     • at 5900 V according to IEC 60947 4-1 rated value     • at 5900 V according to IEC 60947 4-1 rated value     • at 5900 V according to IEC 60947 4-1 rated value     • at 5900 V according to IEC 60947 4-1 rated value     • at 5900 V according to IEC 60947 4-1 rated value     • at 5900 V according to IEC 60947 4-1 rated value     • at 5900 V according to IEC 60949     • at 7900 V according to IEC 60949     • according to IEC 609	— at 110/120 V rated value	0.5 hp
- at 200208 V rated value 3 hp   - at 220330 V rated value 7.5 hp   - at 260430 V rated value 7.5 hp   - at 575600 V rated value 10 hp    Short-circuit protection	— at 230 V rated value	2 hp
- at 20/230 V rated value	• for 3-phase AC motor	
- at 480/480 V rated value - at 573/600 V rated value - 10 hp  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 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 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 60949 • at 600 V according to IE	— at 200/208 V rated value	3 hp
- at 576/600 V rated value  Short-circuit protection  product function short circuit protection  4 at 600 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  Installation/mounting/dimensions  mounting position  fastening method  height  170 mm  vertical  fastening method  height  97.1 mm  required spacing  • for grounded parts  - forwards  - upwards  - upwards  • for live parts  - forwards  • for live parts  - forwards  • for live parts  - forwards  - upwards  - upwards  - upwards  - upwards  - downwards  - do	— at 220/230 V rated value	3 hp
Short-circuit protection product function short circuit trip conditional short-circuit current (tq)  • 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 • 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 60949 • at 500 V according to IEC 60959 • according to Sh 519409 • at 500 V according to IEC 60959 • according to Sh 519409 • at 500 V according to IEC 60959 • according to Sh 519409 • at 500 V according to IEC 60959 • according to Sh 519409 • according to Sh 519409 • according to IEC 60959 • according to Sh 519409 • according to IEC 60959 • according to IEC 60959 • acco	— at 460/480 V rated value	7.5 hp
product function short circuit protection  design of the short-circuit trip  angelic  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  42 000 A  Installation/mounting/dimensions  mounting position  fastening method  leight  170 mm  width  90 mm  depth  required spacing  for grounded parts  for grounded parts  downwards  backwards  muniting position  according to IEC 60947  mm  omm  omm  omm  omm  omm  omm  om	— at 575/600 V rated value	10 hp
design of the short-circuit trip magnetic conditional short-circuit current (Iq)  • at 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  * 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  * backwards  * according to IEC 60947-4-1 rated value  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * according to IEC 60947-4-1 rated value  * backwards  * backwards  * backwards  * according to IEC 60947-4-1 rated value  * backwards  *	Short-circuit protection	
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 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 60948-4.1 rated value  * at 600 V according to IEC 60949  * at 500 V according to IEC 60949  * at 500 V according to IEC 60949  * at 600	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 4 2000 A  statistical value of the control of the contro	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 at 500 V according to IEC 60947-4-1 rated value  brackalation mounting dimensions  mounting position  fastening method screw and snap-on mounting onto 35 mm DIN rail height 170 mm width 90 mm  depth erquired spacing for grounded parts forwards for grounded parts forwards upwards upwards at the side gmm at the side for live parts forwards for live parts forwards for wards upwards for wards for main counter side side gmm downwards for main current circuit type of connectable conductor cross-section for main contacts stranded connectable conductor cross-section for main contacts finely stranded with core end processing  Blovalue with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 foreared Exception 1 page 2 page 1 page 1 page 1 page 2 page 3 page	conditional short-circuit current (Iq)	
at 500 V according to IEC 60947-4-1 rated value  Installation mounting dimensions  mounting position  fastening method     beight     information depth     indepth     i	<ul> <li>at 690 V according to IEC 60947-4-1 rated value</li> </ul>	4 000 A
mounting position fastening method height width depth for grounded parts — forwards — at the side — downwards — for live parts — forwards — on mm  for live parts — one contact the side — on mm  for live parts — one contact the side — on mm  for live parts — one contact the side — one contact the side — at the side  for mm  for live parts — at the side  for mm  for live parts — on mm  for live parts  for live parts — on mm  for live parts  for vertical contact from the front  for live live live live live live live live	<ul> <li>at 400 V according to IEC 60947-4-1 rated value</li> </ul>	153 000 A
mounting position  fastening method  height  170 mm  width  90 mm  depth  • for grounded parts  — forwards — backwards — upwards — downwards — downwards — for live parts — forwards — omm  • for live parts — forwards — upwards — at the side — downwards — omm — at the side — downwards — at the side — downcards — at the side — side — downcards — omm — side — side — downcards — omm — backwards — upwards — upwards — omm — backwards — omm — omm — the side — downcards — omm —	• at 500 V according to IEC 60947-4-1 rated value	42 000 A
fastening method height width 90 mm depth 97.1 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — owneds • for live parts — forwards — upwards — backwards — upwards — at the side — downwards • for live parts — forwards — upwards — backwards — upwards — upwards — upwards — owneds — upwards — backwards — upwards — owneds — upwards — owneds — upwards — owneds — owned owned owned — owne	Installation/ mounting/ dimensions	
height width depth 90 mm  97.1 mm  required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards — to five parts — forwards — backwards — o mm • for live parts — forwards — backwards — backwards — upwards — backwards — to mm • for live parts — forwards — upwards — at the side — downwards — to mm  Connections/ Terminals  Type of electrical connection for main current circuit  Type of electrical connection 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 IEC 60529  protection class IP on the front according to IEC 60529  finger-safe, for vertical contact from the front Conformity  Seneral Product Approval  For use in hazard-  Pactartion of Conformity	mounting position	vertical
width 90 mm depth 97.1 mm  required spacing  • for grounded parts  — forwards — backwards — upwards — at the side — downwards — for live parts — forwards — backwards — o mm — o	fastening method	screw and snap-on mounting onto 35 mm DIN rail
depth required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — onmatical space of the state of	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  — upwards  — backwards  — upwards  — backwards  — upwards  — upwards  — upwards  — upwards  — upwards  — at the side  — o mm  — o mm	width	90 mm
• for grounded parts  — forwards — backwards — upwards — at the side — downwards — for live parts — forwards — backwards — o mm  • for live parts — forwards — backwards — upwards — upwards — upwards — downwards — at the side — downwards — upwards — o mm — at the side — o mm — at the side — o mm — o mm — at the side — o mm	depth	97.1 mm
- forwards 0 mm - backwards 0 mm - upwards 20 mm - at the side 9 mm - downwards 10 mm  • for live parts - forwards 0 mm - backwards 0 mm - downwards 10 mm  • for live parts - forwards 0 mm - backwards 0 mm - upwards 20 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)  Safety related data  B10 value with high demand rate according to SN 31920 1000 000 proportion of dangerous failures with high demand rate according to SN 31920 1 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  Central Product Approvals  For use in hazard- Paclaration of Conformity	required spacing	
- backwards - upwards - at the side - downwards - for live parts - forwards - backwards - backwards - upwards - upwards - downwards - upwards - downwards - upwards - downwards - at the side - downwards - at the side - at the side - mm - downwards - at the side - mm - downwards - at the side - mm - the	<ul> <li>for grounded parts</li> </ul>	
- upwards - at the side - downwards 10 mm  • for live parts - forwards - backwards - upwards - downwards 10 mm  - at the side - downwards - upwards - downwards - at the side - symm  Connections/ Terminals  type of electrical connection for main current circuit screw-type terminals  type of connectable conductor cross-sections for main contacts stranded connectable conductor cross-section for main contacts stranded connectable conductor cross-section for main contacts 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 use in hazard- Declaration of Conformity		
- 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 connectable conductor cross-sections for main contacts stranded with core end processing  Safety related data  B10 value with high demand rate according to SN 31920 1000 000 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 use in hazard-  Peclaration of Conformity	— backwards	0 mm
- downwards • for live parts - forwards - backwards - upwards - upwards - downwards - at the side  Connections/ Terminals  type of electrical connection for main current circuit stranded connectable conductor cross-sections for main contacts stranded connectable conductor cross-sections for main contacts 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  For use in hazard- Declaration of Conformity  Peclaration of Conformity  For use in hazard- Declaration of Conformity	•	
for live parts         — forwards         — 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         connectable conductor cross-section for main contacts stranded         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  Central Product Approval  For use in hazard-  Peclaration of Conformity  Peclaration of Conformity  Peclaration of Conformity  Peclaration of Conformity		
- forwards 0 mm - backwards 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 connectable conductor cross-section for main contacts stranded with core end processing  Safety related data  B10 value with high demand rate according to SN 31920 1 000 000  proportion of dangerous failures with high demand rate according to SN 31920 Protection class IP on the front according to IEC 60529 IP20  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals  For use in hazard- Peclaration of Conformity		10 mm
- backwards - upwards - downwards - downwards - at the side - at the sid		
- upwards - downwards - at the side 9 mm  Connections/ Terminals  type of electrical connection for main current circuit stranded connectable conductor cross-sections for main contacts stranded 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 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529  Touch provals  Centeral Product Approval  Tound mm  9 mm  0.5 4 mm², 2x (0.75 2.5 mm²)  0.5 2.5 mm²  1 000 000  1 000 000  73 %  1 000 000  For vertical contact from the front  Certificates/ approvals  For use in hazard- Packagation of Conformity		
— downwards — 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  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  Certificates/ approvals  For use in hazard-  Pactaration of Conformity		
Connections/ Terminals  type of electrical connection for main current circuit  type of connectable conductor cross-sections for main contacts stranded  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  Terrificates/ approvals  For use in hazard-  Peclaration of Conformity	•	
type of electrical connection for main current circuit  type of connectable conductor cross-sections for main contacts stranded  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  Certificates/ approvals  For use in hazard-  Peclaration of Conformity		
type of electrical connection for main current circuit  type of connectable conductor cross-sections for main contacts stranded  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  Certificates/ approvals  For use in hazard-  Declaration of Conformity		9 mm
type of connectable conductor cross-sections for main contacts stranded  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  Certificates/ approvals  For use in hazard-  Declaration of Conformity		
stranded  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 1 000 000  proportion of dangerous failures with high demand rate according to SN 31920 73 %  protection class IP on the front according to IEC 60529 IP20  touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front  Certificates/ approvals  For use in hazard-  Declaration of Conformity	_ • •	
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 use in hazard-  Declaration of Conformity	stranded	
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 use in hazard-  Declaration of Conformity	stranded with core end processing	0.5 2.5 mm²
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  For use in hazard-  Declaration of Conformity		
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 use in hazard-  Declaration of Conformity		
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front  Certificates/ approvals  For use in hazard-  Declaration of Conformity		73 %
Certificates/ approvals  For use in hazard-  Declaration of Conformity	protection class IP on the front according to IEC 60529	IP20
General Product Approval  For use in hazard-  Declaration of Conformity	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
General Product Approval	Certificates/ approvals	
	General Product Approval	Declaration of Conformity











**Test Certificates** 

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certific-









Marine / Shipping

other Railway







Confirmation

Vibration and Shock

## 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=3RA2210-1KA17-2AK6

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RA2210-1KA17-2AK6}}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-1KA17-2A

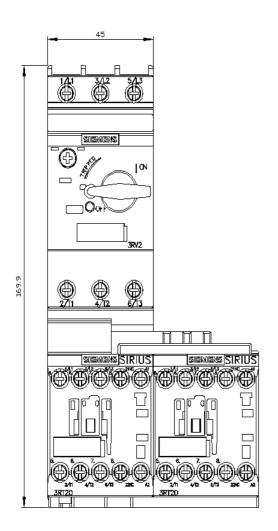
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

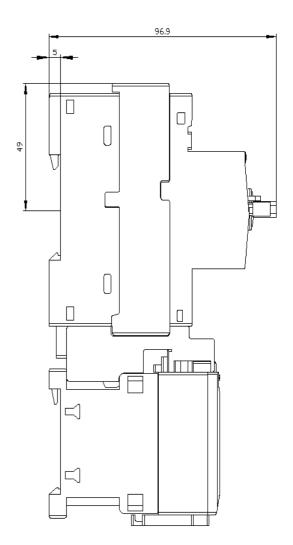
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2210-1KA17-2AK6&lang=en

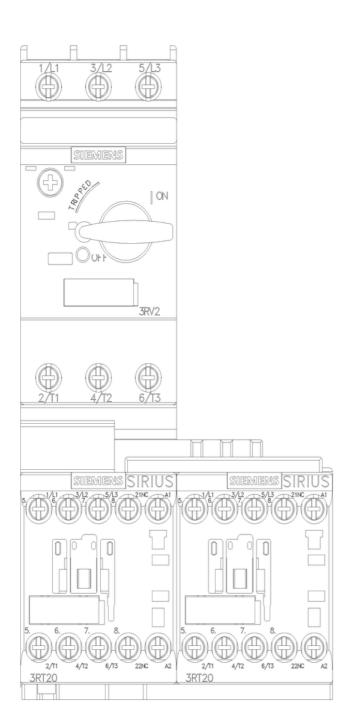
Characteristic: Tripping characteristics, I2t, Let-through current

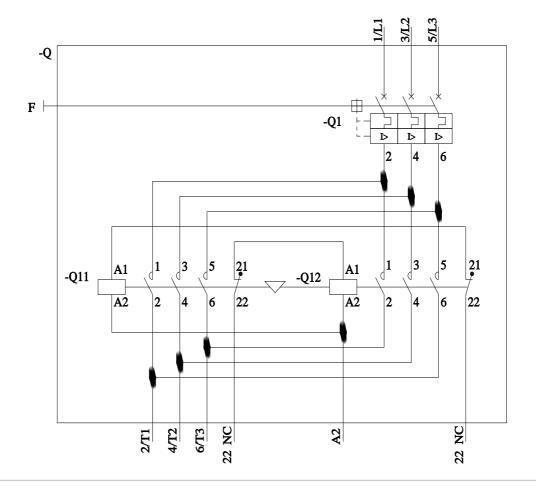
https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-1KA17-2AK6/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-1KA17-2AK6&objecttype=14&gridview=view1









last modified: 11/21/2022 🖸