3RA2210-1AA15-2AP6

Data sheet



FUSELESS MOTOR STARTER REVERSING OPERATION 600V AC SZ S00 1.1-1.6A 220/240V AC 50/60HZ SCREW CONNECTION FOR SCREW MOUNTING OR 35 MM RAIL-MOUNTING TYPE OF COORDINATION 2 IQ = 150 KA ALSO FULFILLS TYPE OF COORDINATION 1 1NC (PER CONTACTOR)

product designation design of the product manufacturer's article number of the supplied contactor of the supplied contactor of the supplied incurit-breakers of the supplied ink module size of the circuit-breakers size of the circuit-breakers size of the circuit-breakers size of the circuit-breakers size of the circuit-breaker size of toad feeder So0 product extension auxiliary switch risulation voltage with degree of pollution 3 at AC rated value of gene of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 69 / 11 ms mechanical service life (operating cycles) of contactor typical substance Prohibitance (Date) 30 000 000 type of assignment 2 Substance Prohibitance (Date) 30 03012017 Ambient conditions ambient temperature during operation during storage during transport Main circuit number of poles for main current circuit design of the switching contact during transport 1.11.6 A decended and the switching contact squatable current response value current of the current-dependent overload release operating voltage rated value stack-3 rated value operating frequency rated value operating frequency rated value operating frequency rated value stack-3 rated value at 400 V rated value at 500 V rated value at 500 V rated value at 500 V rated value at 600 V valued value at 600 V rated value	product brand name	SIRIUS
manufacturer's article number of the supplied contactor of the supplied inclut-breakers of the supplied link module 3RA1921-1AA10 3RA1921-1DA00 General technical data size of the circuit-breaker size of the circuit-breaker S00 size of load feeder S00 product extension auxiliary switch risulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value 680 V degree of pollution surge voltage resistance rated value 680 V shock resistance according to IEC 60068-2-27 69 / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 2 Substance Prohibitance (Date) 30/1/2017 Ambient conditions ambient temperature during operation - 20 +60 °C during transport - 55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage at AC-3 rated value at AC-3 rated value at AC-3 at 400 V rated value 550 60 Hz operationg powerst AC-3 at 400 V rated value 550 W at 600 V cated value at 600 V rated value 550 W control sizeply voltage at AC	product designation	non-fused motor starter 3RA2
of the supplied contactor of the supplied circuit-breakers of the supplied ink module saray2011-1AA10 size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of load feeder product extension auxiliary switch yes insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value shock resistance according to IEC 60088-2-27 66 / 11 ms mechanical service life (operating cycles) of contactor typical ype of assignment 2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation during storage during transport design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage at AC-3 rated value at AC-3 at 400 V rated value 550 W at 650 V rated value at 650 V rated value at 650 V rated value 550 W at 650 V rated value 550 W at 650 V rated value 550 W at 650 V rated value 550 C Control supply voltage at AC	design of the product	reversing starter
of the supplied circuit-breakers of the supplied link module 3RA1921-1DA00 Ceneral technical data size of the circuit-breaker size of load feeder soo size of load feeder product extension auxiliary switch fees insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value 680 V degree of pollution 3 surge voltage resistance rated value 687 / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during storage • during storage • during transport All circuit adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value • at AC-3 rated value • at 400 V rated value • at 600 V rated value	manufacturer's article number	
of the supplied link module Son size of the circuit-breaker size of the circuit-breaker size of load feeder product extension auxiliary switch degree of pollution 3 at AC rated value	 of the supplied contactor 	3RT2015-1AP62
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 6kV shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 1000000000000000000000000000000000000	 of the supplied circuit-breakers 	3RV2011-1AA10
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 2 Substance Prohibitance (Date) 03/01/2017 Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C during transport -55 +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 operating voltage • at AC-3 rated value maximum 690 V operating power at AC-3 • at 400 V rated value 550 W • at 500 V rated value 550 W • at 600 V rated value 550 W	 of the supplied link module 	3RA1921-1DA00
size of load feeder product extension auxiliary switch product extension auxiliary switch yes insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60088-2-27 mechanical service life (operating cycles) of contactor typical type of assignment 2 Substance Prohibitance (Date) ambient temperature during operation during operation during storage during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dopendent overload release operating voltage at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value at 600 V rated value at 600 V rated value 550 W at 600 V rated value 1100 W Control circuit/ Control control supply voltage at AC	General technical data	
product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 g/ 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 Substance Prohibitance (Date) Ambient conditions ambient temperature during operation during storage during transport -20 +60 °C during transport -55 +80 °C during transport -55 +80 °C during transport -55 +80 °C 4 disign of the switching contact adjustable current response value current of the current- dependent overload release operating voltage at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 at 400 V rated value at 400 V rated value at 690 V rated value at 690 V rated value 550 W at 690 V rated value 550 W at 690 V rated value 550 W at 690 V rated value 1.5 A Operating power at AC-3 at 400 V rated value 550 W at 690 V rated value 1 100 W Control circuit/ Control control supply voltage at AC	size of the circuit-breaker	S00
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 2 Substance Prohibitance (Date) 03/01/2017 Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C • during transport -55 +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 operating voltage • rated value 690 V • at AC-3 rated value maximum 690 V operating frequency rated value 50 60 Hz operating lower at AC-3 • at 400 V rated value 550 W • at 500 V rated value 550 W • at 690 V rated value 100 W Control circuit/ Control control supply voltage at AC	size of load feeder	S00
degree of pollution 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 1 type of assignment 2 Substance Prohibitance (Date) 0 3//01/2017 Ambient conditions ambient temperature 4 during operation 4 during storage 5 during transport 1 control surper tresponse value current of the current-dependent overload release operating voltage 1 at AC-3 rated value 1 at 690 V rated value 2 operating power at AC-3 1 at 690 V rated value 1 at 690 V rated value 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 at 690 V rated value 5 50 W 1 100 W Control circuit/ Control control supply voltage at AC	product extension auxiliary switch	Yes
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shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment 2 Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage • during transport Anioricruit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V vated value • at 690 V vated value 550 W • at 690 V vated value • 550 W • at 690 V vated value • 1.5 A Operating power at AC-3 • at 400 V rated value • at 690 V vated value • at 690 V vated value • 1.5 A Operating power at AC-3 • at 400 V rated value • at 690 V vated value • at 690 V vated value • 1.5 A Operating power at AC-3 • at 400 V rated value • at 690 V vated value • at 690 V rated value	degree of pollution	3
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Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage • during transport Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value • at 400 V rated value • at 690 V • at 690 V • at 690 V rated value operating power at AC-3 • at 400 V rated value • at 690 V rated value	mechanical service life (operating cycles) of contactor typical	30 000 000
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ambient temperature • during operation • during storage • during transport -50 +80 °C • during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V • at 500 V rated value • at 690 V rated value 1.5 A operating power at AC-3 • at 400 V rated value • at 690 V rated value • at 690 V rated value	Substance Prohibitance (Date)	03/01/2017
 during operation during storage during transport -50 +80 °C during transport -55 +80 °C Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value at 400 V rated value at 550 W at 690 V rated value at 690 V rated value at 400 V rated value at 690 V rated value <	Ambient conditions	
• during storage • during transport • during transport recuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • to 60 Hz operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 500 V rated value • at 690 V rated value • at	ambient temperature	
during transport	 during operation 	-20 +60 °C
Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V rated value 550 W • at 690 V rated value 100 W Control circuit/ Control control supply voltage at AC	during storage	-50 +80 °C
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value • at 400 V rated value • at 500 V rated value • at 690 V vated value • at 690 V vated value • at 690 V rated value	during transport	-55 +80 °C
design of the switching contact adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V control circuit/ Control control supply voltage at AC	Main circuit	
adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value operating control circuit/ Control control supply voltage at AC	number of poles for main current circuit	3
dependent overload release operating voltage • rated value • 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 1.5 A operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 690 V rated value	design of the switching contact	electromechanical
rated value at AC-3 rated value maximum 690 V operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V rated value		1.1 1.6 A
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operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value control circuit/ Control control supply voltage at AC	at AC-3 rated value maximum	690 V
operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value 1 100 W Control circuit/ Control control supply voltage at AC	operating frequency rated value	50 60 Hz
at 400 V rated value at 500 V rated value at 690 V rated value 1 100 W Control circuit/ Control control supply voltage at AC	operational current at AC-3 at 400 V rated value	1.5 A
at 500 V rated value at 690 V rated value 1 100 W Control circuit/ Control control supply voltage at AC	operating power at AC-3	
at 690 V rated value Control circuit/ Control control supply voltage at AC	at 400 V rated value	550 W
Control circuit/ Control control supply voltage at AC	• at 500 V rated value	550 W
control supply voltage at AC	at 690 V rated value	1 100 W
	Control circuit/ Control	
• at 50 Hz rated value 220 V	control supply voltage at AC	
	at 50 Hz rated value	220 V

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* ut 00 htt rated value 240 V 250 V 2	a at 50 Hz retad value	187 242 V
### 450 Hz rated value 192 _ 294 V ### 100 Hz rated v	at 50 Hz rated value	
impaired holding power factor with the holding power of the coil 0.25 Autility percent in market power factor with the holding power of the coil 0.25 Autility percent in market percent per		
Industries prover factor with the holding power of the coil **Auxillary Cortor **number of NC contacts for auxillary contacts **Protective and monitoring functions **Protective and monitoring functions **Up class **CLASS 10 **Up class **CLASS 10 **Up class **CLASS 10 **Up class **CLASS 10 **Up class **Up class **CLASS 10 **CLASS 10 **Up class **CLASS 10 **CLASS 10 **Up class **CLASS 10 **CLASS 10		
Austilary circuit Protective and monitoring functions trip class CLASS 10 design of the overload release tresponse value current of instantaneous short-circuit trip unit UCSAS ratings full-load current (FLA) for 3-phase AC motor **a (800 V rated value **a (800		
rumber of NC contacts for auxiliary contacts trip class design of the overfoad rolease response value current of instantaneous short-circuit trip und ULCSA ratings (ILCSA ratings III) And Current (FLA) for 3-phase AC motor a 14,80 V rated value		0.23
CLASS 10 design of the overfoad rolease thermal (bimebilic) cases walke current of instantaneous short-circuit trip unt ULCSA ratings Tull-load current (FLA) for 3-phase AC motor al 480 V ratiod value 1.5 A sales AC motor al 480 V ratiod value 1.5 A sales AC motor al 480 V ratiod value 1.5 A sales AC motor al 480 V ratiod value 0.75 hp sales AC motor al 480 V ratiod value 0.75 hp sales AC motor al 480 V ratiod value 0.75 hp sales AC motor al 480 V ratiod value 0.75 hp sales AC motor al 480 V ratiod value 0.75 hp sales AC motor al 480 V ratiod value 0.75 hp sales AC motor al 480 V ratiod value 0.75 hp sales AC motor sales		1
trip class design of the ovarload release response value current of instantaneous short-circuit trip unit UIUCSA retings (IIII-load current (FLA) for 3-phase AC motor a (4.89) Vialed value	·	
design of the overload release response value current of relacations short-circuit trip unit UDCSA ratings full-load current (FLA) for 3-phase AC motor		CLASS 10
response value current of instantaneous short-circuit trip unit VICCSA 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 * or 1,3 A yielded mechanical performance [hg] * for single-phase AC motor — at 230 V rated value * or 5-phase AC motor — at 426480 V rated value * or 5-phase AC motor — at 426480 V rated value • or 5-phase AC motor — at 464080 V rated value • or 5-phase AC motor — at 464080 V rated value • or 5-phase AC motor — at 475,600 V rated value • or 5-phase AC motor — at 46500 V according to IEC 600474-41 rated value • at 690 V according to IEC 600474-41 rated value • at 690 V according to IEC 600474-41 rated value • at 690 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 600 V according to IEC 600474-41 rated value • at 700 mm depth • or prounded parts • for prounded parts • for five parts • for wards • on mm • outparts • for wards • for wards • for wards • for w	·	
### Substituting S		
full-load current (FLA) for 3-phase AC motor	<u> </u>	20.071
1.6 A 1.3 A 1.5		
• at 600 V rated value yielded mechanical performance (hp) • for single-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 460/480 V rated value • or 3-phase AC motor — at 460/480 V rated value • or 3-phase AC motor — at 975/600 V rated value • or 3-phase AC motor		1 6 A
yielded mechanical performance [tp] • for single-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 460/480 V rated value — at 675600 V rated value — at 675600 V rated value — on 75 hp Short-circuit protection reduct function short circuit protection design of the short-circuit trip magnetic conditional short-circuit trip conditional short-circuit trip at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value • at 360 V according to IEC 69947-41 rated value 9 monuting joint mounting idimensions mounting position vertical statistical mounting idimensions mounting position vertical vertical to Interval to DIN rail or screw-mounted with additional push-in lug beging • for grounded parts — forwards — upwards — upwards — at the side — downwards — one — downwards — one — at the side — upwards — one — downwards — one — at the side — one — one was a serve the terminals • type of electrical connection for main current circuit yee of connectable conductor cross-section for main contacts finely stranded one the side The side of the side On minuting interval to DIN rail or screw-mounted with additional push-in lug proportion of dangerous fallows with high demand rate according to SN 31920 proportion of dangerous fallows with high demand rate according to SN 31920 proportion of dangerous fallows with high demand rate according to		
For single-phase AC motor		
- at 230 V rated value • for 3-phase AC motor - at 460/480 V rated value - at 575/600 V rated value Product function short circuit protection design of the short-circuit current (q) - at 690 V according to IEC 60947-4-1 rated value - 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 - beight - for wards - po mm - forgunded parts - forwards - Dackwards - Dackwards - Upwards - of Inwards - ownwards - of Inwards - ownwards - ownwa		
• for 3-phase AC motor — at 460480 V rated value — at 575690 V rated value — at 6890 V according to lEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 890 V according to IEC 60947.4-1 rated value • at 790 mounting dimensions • vertical fastening method • at 790 mm • for grounded parts • at the side • packwards • packwards • packwards • parm • for live parts • packwards • packwards • parm • for live parts • for wards • packwards • parm • pockwards • parm • pockwards • parm • for live parts • for live	.	0.1 hp
at 460480 V rated value 0.75 hp Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (iq) • at 690 V according to IEC 60947-4-1 rated value 100 000 A		
Short-circuit protection product function short circuit protection design of the short-circuit current (tq) a rat 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 bright mounting position fasteniag method fast		0.75 hp
Short-circuit protection product function short circuit protection design of the short-circuit trip at 590 V according to IEC 60947-4-1 rated value at 490 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 bit 500 V according to IEC 60947-4-1 rated value at 500 V according to IEC 60947-4-1 rated value bit 500 V according to IEC 60947-4-1 rated value vortical fastening method shaping method shaping method shaping method shaping method shaping for grounded parts for grounded parts forwards for grounded parts forwards for grounded parts forwards for live parts forwards for live parts forwards for live parts forwards for live parts forwards forwards forwards for live parts forwards forwards forwards forwards forwards forwards forwards for live parts forwards forwar		·
design of the short-circuit trip conditional short-circuit current (iq) a 1690 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 153 000 A 154 500 V according to IEC 60947-4-1 rated value 159 000 A Installation/ mounting/ dimensions mounting position vertical fastening method Snap-mounted to DIN rail or screw-mounted with additional push-in lug height 170 mm width 90 mm depth required spacing of or grounded parts for wards height 10 mm of the side height 10 mm of me downwards of mice parts forwards of mm upwards of one parts forwards of on	Short-circuit protection	
design of the short-circuit trip conditional short-circuit current (lq)	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 100 000 A Installation/ mounting/ dimensions mounting position vertical fastening method height 170 mm width 90 mm cequired spacing a for grounded parts — forwards — backwards — upwards — at the side — downwards — to rowards — backwards — backwards — upwards — of ownwards — upwards — ownwards — upwards — ownwards — ownwards — 10 mm Connections/ Terminals type of electrical connection for main current circuit type of electrical connection for main current circuit stranded Connections/ Terminals Safety related data B10 value 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 Corrections/ Septovals 100 000 A	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 * at 500 V according to IEC 60947-4-1 rated value mounting position	conditional short-circuit current (Iq)	
■ at 500 V according to IEC 60947-4-1 rated value Instalator/ mounting position wounting position fastening method height 170 mm width 90 mm depth required spacing ● for grounded parts — backwards — upwards — ot wards — of live parts — forwards — of mean subsections of main current circuit • for gleactions/ Terminals	 at 690 V according to IEC 60947-4-1 rated value 	100 000 A
mounting position vertical fastening method Snap-mounted to DIN rail or screw-mounted with additional push-in lug height 170 mm width 90 mm depth 97.1 mm required spacing • for grounded parts — forwards 0 mm — upwards 20 mm — at the side 9 mm - downwards 10 mm • for live parts — forwards 0 mm — at the side 9 mm - at the side 9 mm - at the side 9 mm - backwards 0 mm • for live parts — forwards 10 mm • for live parts — forwards 0 mm — at the side 9 mm - backwards 10 mm • for live parts — forwards 10 mm • for live parts — forwards 9 mm - backwards 10 mm — at the side 9 mm - connectators Torminals type of connectable conductor cross-sections for main current circuit 10 yeo 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 protection of 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 400 V according to IEC 60947-4-1 rated value 	153 000 A
mounting position fastening method fastening method height width 90 mm depth 97.1 mm required spacing • for grounded parts — forwards — upwards — at the side — downwards — upwards — backwards — upwards — of rolive parts — forwards — o mm • for live parts — forwards — upwards — at the side — adwinwards — upwards — at the side — obschwards — upwards — backwards — upwards — 10 mm • for live parts — forwards — o mm — the side — obschwards — upwards — upwards — at the side — obschwards — upwards — one management of 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-sections for main contacts stranded with core end processing Safety rolated 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 forming in the front vertical contact from the front Contact front t	 at 500 V according to IEC 60947-4-1 rated value 	100 000 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 — upwards — upwards — ownerds — upwards — ownerds —	Installation/ mounting/ dimensions	
height width 90 mm depth 97.1 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards — for live parts — for live parts — for wards — backwards — o mm • for live parts — for wards — o mm • for live parts — forwards — upwards — upwards — upwards — upwards — o mm • for live parts — forwards — upwards — upwards — upwards — upwards — upwards — o mm • for live parts — otherwards — upwards — upwards — otherwards — upwards — otherwards — 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 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 calss 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 Cortificates/ approvals	mounting position	vertical
width 90 mm depth 97.1 mm required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards — for ive parts — forwards — backwards — o mm • for live parts — forwards — backwards — upwards — upwards — upwards — o mm — at the side — 9 mm 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 stranded with core end processing 810 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	fastening method	Snap-mounted to DIN rail or screw-mounted with additional push-in lug
required spacing	height	170 mm
required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards • for live parts — forwards — backwards — upwards • for live parts — forwards — backwards — upwards — upwards — upwards — 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 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 protection class IP 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 — for live parts — forwards — backwards — of mive parts — forwards — backwards — backwards — backwards — upwards — backwards — upwards — upwards — upwards — at the side — downwards — upwards — of mive parts — forwards — upwards — upwards — at the side — of mine 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 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 finger-safe, for vertical contact from the front Certificates/ approvals	depth	97.1 mm
- forwards 0 mm - backwards 20 mm - upwards 20 mm - at the side 9 mm - downwards 10 mm • for live parts - forwards 0 mm - backwards 0 mm - backwards 0 mm - backwards 0 mm - upwards 20 mm - downwards 10 mm - commands 10 mm - downwards 10 mm - at the side 9 mm Connections/ Terminals Type of electrical connection for main current circuit screw-type 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 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 inger-safe, for vertical contact from the front Certificates/ approvals	required spacing	
- backwards 0 mm - upwards 20 mm - at the side 9 mm - downwards 10 mm • for live parts - forwards 0 mm - backwards 0 mm - upwards 20 mm - backwards 10 mm - upwards 20 mm - downwards 10 mm - at the side 9 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 IP20 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	 for grounded parts 	
- upwards - at the side - downwards 10 mm • for live parts - forwards 0 mm - backwards 0 mm - upwards 20 mm - downwards 10 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 stranded 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 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
- at the side 9 mm - downwards 10 mm • for live parts - forwards 0 mm - backwards 0 mm - backwards 20 mm - downwards 10 mm - at the side 9 mm - downwards 9 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 1 000 000 proportion of dangerous failures with high demand rate according to SN 31920 1 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	— backwards	0 mm
- downwards • for live parts - forwards - backwards - upwards - upwards - downwards - at the side - 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 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 finger-safe, for vertical contact from the front Certificates/ approvals	— upwards	20 mm
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 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 finger-safe, for vertical contact from the front Certificates/ approvals	— at the side	
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 stranded 0.5 4 mm², 2x (0.75 2.5 mm²) connectable conductor cross-sections for main contacts stranded 0.5 25 mm² stranded with core end processing 0.5 25 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 protection class IP 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 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	·	
- upwards 20 mm 10 mm 20		
— 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 finger-safe, for vertical contact from the front Certificates/ approvals		
— 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 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	•	
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 finger-safe, for vertical contact from the front Certificates/ approvals		
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 finger-safe, for vertical contact from the front Certificates/ approvals		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 finger-safe, for vertical contact from the front Certificates/ approvals		A section 1
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	· ·	•
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	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	stranded with core end processing	0.5 2.5 mm ²
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	
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		
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front Certificates/ approvals	according to SN 31920	73 %
Certificates/ approvals		IP20
	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
General Product Approval For use in hazard- Declaration of Conformity	Certificates/ approvals	
	General Product Approval	For use in hazard- Declaration of Conformity

Confirmation











Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









Marine / Shipping





Confirmation

other

Vibration and Shock

Railway

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=3RA2210-1AA15-2AP6

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RA2210-1AA15-2AP6}\\$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-1AA15-2AP6

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

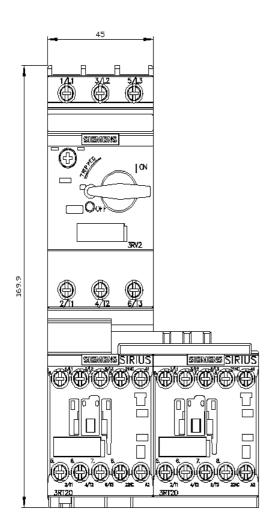
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2210-1AA15-2AP6&lang=en

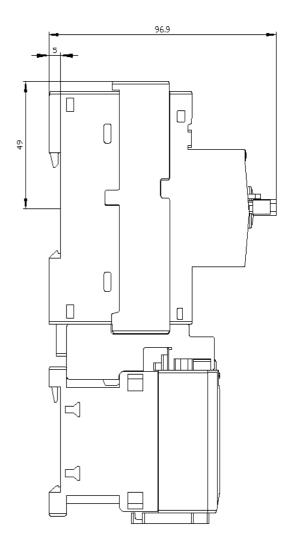
Characteristic: Tripping characteristics, I²t, Let-through current

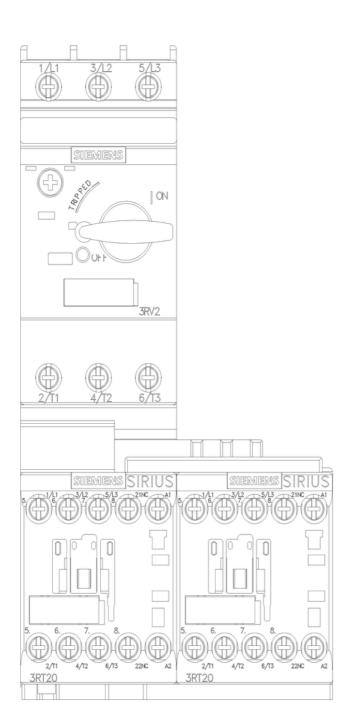
https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-1AA15-2AP6/char

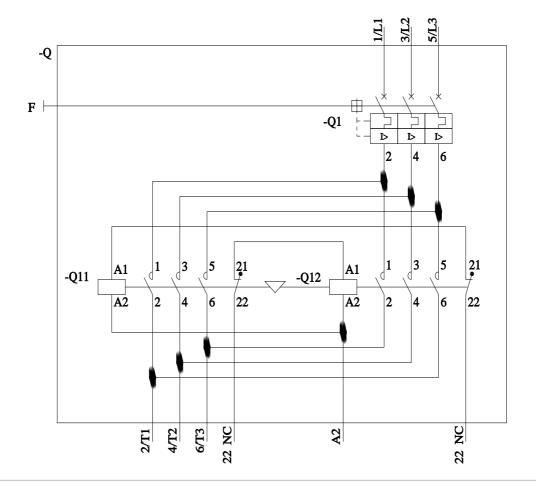
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-1AA15-2AP6&objecttype=14&gridview=view1









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