SIEMENS

Data sheet

3RA2215-0HA15-2BB4



Fuseless motor starter Reversing operation 600VAC Size S00 0.55-0.8A 24V DC screw connection For screw mounting Or 35 mm rail-mounting Type of coordination 2 IQ = 150 KA Also full fills type Of coordination 1 1NO+1NC (MSP) 1NC (per contactor)

product brand name SIRUS		
design of the product manufacturer's article number of the supplied circuit-breakers of the supplied circuit-breakers 3RY2011-0HA15 of the supplied link module 3RA1921-1DA00 General technical data size of the circuit-breaker size of the circuit-breake	product brand name	SIRIUS
manufacturer's article number of the supplied contactor of the supplied contactor of the supplied contactor of the supplied direul-breakers of the supplied link module SRA1921-1DA00 General technical data size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker 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 60088-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 2 Weight 0.93 kg 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 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage - rated value - at AC-3 rated value maximum - operational current at AC-3 at 400 V rated value - at AC-3 rated value - at AC-3 rated value - at 400 V rated value - at 600 V rated value	product designation	non-fused motor starter 3RA2
of the supplied contactor of the supplied circuit-breakers of the supplied circuit-breakers of the supplied ink module SRA1921-1DA00 General technical data size of the circuit-breaker soo size of load feeder product extension auxiliary switch resultation 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 separate of separate	design of the product	reversing starter
of the supplied circuit-breakers of the supplied link module SRA1921-1DA00 Ceneral technical data size of the circuit-breaker Size of load feeder Size of load feeder Size of boad fe	manufacturer's article number	
of the supplied link module General technical data size of the circuit-breaker isse of toad feeder product extension auxiliary switch 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 shock resistance according to IEC 60068-2-27	 of the supplied contactor 	3RT2015-1BB42
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 vortage resistance rated value 6kV 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 Weight 0.93 kg Ambient conditions ambient temperature during storage 550+80 °C during storage 550+80 °C during transport 555+80 °C during transport 555+80 °C during transport 6908 for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage e rated value 690 V operating frequency rated value 5060 Hz operational current at AC-3 at 400 V rated value 0.6 A operating power at AC-3 e at 400 V rated value 180 W e at 500 V rated value 250 W e at 690 V rated value 24 V	 of the supplied circuit-breakers 	3RV2011-0HA15
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 mechanical service life (operating cycles) of contactor typical 30 000 000 type of assignment 2 Weight 0.93 kg 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 operating frequency rated value 50 60 Hz operating frequency rated value 180 W • at AC-3 rated value 50 60 Hz operating power at AC-3 • at 400 V rated value 250 W • at 690 V rated value 24 V	 of the supplied link module 	3RA1921-1DA00
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 Weight 0.93 kg Ambient conditions ambient temperature	General technical data	
product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value 680 V shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 Weight 0.93 kg Ambient conditions ambient temperature • during operation • during poration • 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 690 V operating frequency rated value • at 400 V rated value • at 400 V rated value • at 600 V rated value	size of the circuit-breaker	S00
Insulation voltage with degree of pollution 3 at AC rated value 690 V degree of pollution 3 a 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 Weight 0.93 kg Ambient conditions ambient temperature • during operation -20 +60 °C -40 or -40 or -55 +80 °C -40 or -45 or -	size of load feeder	S00
degree of pollution surge voltage resistance rated value 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 Weight 0.93 kg Ambient conditions ambient temperature • during operation • during storage • during transport 0.55 +80 °C during transport 0.55 +80 °C Main circuit number of poles for main current circuit 3 design of the switching contact dependent overload release operating voltage • rated value • at AC-3 rated value maximum eat 400 V rated value • at 400 V rated value • at 500 V V rated value • at 500 V V rated value • at 500 V rated value • at 600 V rated value	product extension auxiliary switch	Yes
surge voltage resistance rated value shock resistance according to IEC 60068-2-27 gethanical service life (operating cycles) of contactor typical type of assignment 2 Weight 0.93 kg Ambient conditions ambient temperature during operation during storage during transport -55+80 °C Main circuit number of poles for main current circuit design of the switching contact dependent overload release operating voltage at AC-3 rated value at AC-3 at 400 V rated value at 500 V V rated value at 500 V rated value at 600 V vated value 300 W	insulation voltage with degree of pollution 3 at AC rated value	690 V
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 Weight 0.93 kg Ambient conditions ambient temperature	degree of pollution	3
mechanical service life (operating cycles) of contactor typical type of assignment 2 Weight 0.93 kg 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 operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 690 V vated value • at 690 V vated value • at 690 V vated value • at 400 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 690 V vated value	surge voltage resistance rated value	6 kV
type of assignment 2 Weight 0.93 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -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 power at AC-3 • at 400 V rated value 180 W • at 500 V rated value 250 W • at 690 V rated value 250 W • at 690 V rated value 370 W Control circuit/ Control control supply voltage at DC rated value 24 V	shock resistance according to IEC 60068-2-27	6g / 11 ms
Weight 0.93 kg 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 power at AC-3 • at 400 V rated value 180 W • at 500 V rated value 180 W • at 690 V rated value 250 W • at 690 V rated value 370 W Control circuit/ Control control supply voltage at DC rated value 24 V	mechanical service life (operating cycles) of contactor typical	30 000 000
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 power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V rated value	type of assignment	2
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 500 V rated value • at 690 V • at 690 V 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	Weight	0.93 kg
 during operation during storage 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 500 V rated value at 690 V Operating power at AC-3 at 400 V rated value at 500 V rated value at 690 V Operating frequency rated value 250 W at 690 V rated value Operating frequency value at 690 V rated value at 690 V rated value at 690 V rated value Operating frequency value at 690 V rated value at 700 W Control circuit/ Control control supply voltage at DC rated value 24 V 	Ambient conditions	
• during storage • during transport 755 +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 500 V rated value • at 690 V operating power at AC-3 • at 400 V rated value • at 690 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 • at 690 V rated value	ambient temperature	
oduring transport oduring transport 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	 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 250 W ontrol circuit/ Control control supply voltage at DC rated value 24 V	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 a t 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 Operating frequency rated value Office A 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 DC rated value 24 V	 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 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 DC rated value 24 V	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 oat 500 W rated value oat 690 V rated value 250 W • at 690 V rated value oat 690 V rated value 24 V	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 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 500 V rated value • at 690 V rated value • at 690 V rated value 250 W • at 690 V rated value 24 V	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 500 V rated value at 690 V rated value at 690 V rated value at 700 W Control circuit/ Control Control supply voltage at DC rated value 24 V		0.55 0.8 A
■ at AC-3 rated value maximum G90 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 ○ at 690 V rated value	operating voltage	
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 control circuit/ Control control supply voltage at DC rated value 24 V	rated value	690 V
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 DC rated value 24 V	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 Control circuit/ Control control supply voltage at DC rated value 24 V	operating frequency rated value	50 60 Hz
at 400 V rated value at 500 V rated value at 690 V rated value Control circuit/ Control control supply voltage at DC rated value 24 V	operational current at AC-3 at 400 V rated value	0.6 A
at 500 V rated value at 690 V rated value 370 W Control circuit/ Control control supply voltage at DC rated value 24 V	operating power at AC-3	
at 690 V rated value 370 W Control circuit/ Control control supply voltage at DC rated value 24 V	• at 400 V rated value	180 W
Control circuit/ Control control supply voltage at DC rated value 24 V	• at 500 V rated value	250 W
control supply voltage at DC rated value 24 V	• at 690 V rated value	370 W
	Control circuit/ Control	
holding power of magnet coil at DC 4 W	control supply voltage at DC rated value	24 V
	holding power of magnet coil at DC	4 W

Auxiliary circuit			
number of NC contacts for auxiliary contacts	2		
number of NO contacts for auxiliary contacts	1		
Protective and monitoring functions			
trip class	CLASS 10		
design of the overload release	thermal (bimetallic)		
response value current of instantaneous short-circuit trip unit	10.4 A		
Short-circuit protection			
product function short circuit protection	Yes		
design of the short-circuit trip	magnetic		
conditional short-circuit current (Iq)	Ŭ		
at 690 V according to IEC 60947-4-1 rated value	100 000 A		
at 400 V according to IEC 60947-4-1 rated value	153 000 A		
at 500 V according to IEC 60947-4-1 rated value	100 000 A		
Installation/ mounting/ dimensions			
mounting position	vertical		
fastening method	Snap-mounted to DIN rail or screw-mounted with addition	nal push-in lug	
height	170 mm	,	
width	90 mm		
depth	97.1 mm		
required spacing			
for grounded parts			
— 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		
— 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)		
connectable conductor cross-section for main contacts finely stranded with core end processing	0.5 2.5 mm²		
Safety related data			
proportion of dangerous failures with high demand rate according to SN 31920	73 %		
B10 value with high demand rate according to SN 31920	1 000 000		
Electrical Safety			
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		
Approvals Certificates			
General Product Approval		For use in hazard- ous locations	

C E



Confirmation







Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









Marine / Shipping other Railway Dangerous goods







Confirmation

Special Test Certificate

<u>Transport Information</u>

Environment

Environmental Confirmations

Further information

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2215-0HA15-2BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2215-0HA15-2BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2215-0HA15-2BB4

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

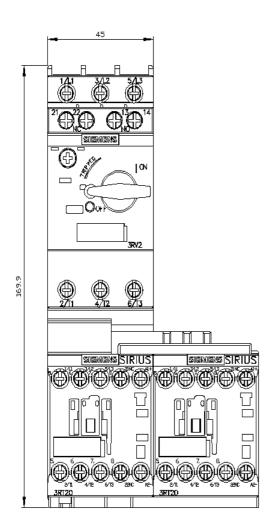
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2215-0HA15-2BB4\&lang=en}}$

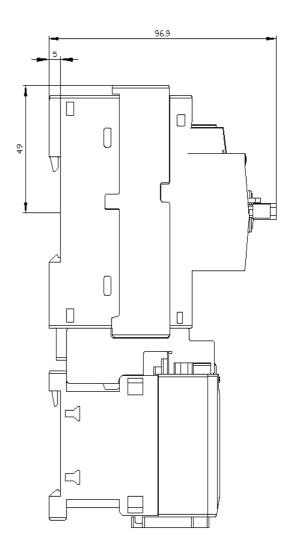
Characteristic: Tripping characteristics, I2t, Let-through current

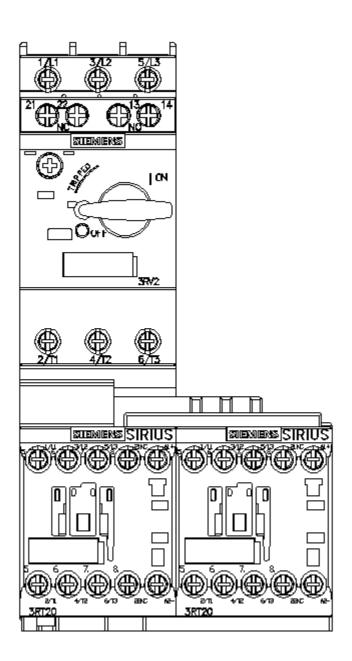
https://support.industry.siemens.com/cs/ww/en/ps/3RA2215-0HA15-2BB4/char

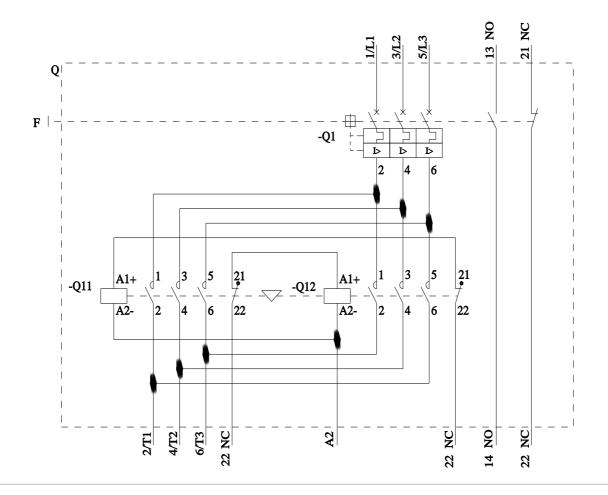
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2215-0HA15-2BB4&objecttype=14&gridview=view1









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