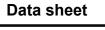
3RA2210-0CA15-2AP6





FUSELESS MOTOR STARTER REVERSING OPERATION 600V AC SZ S00 0.18-0.25A 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 toad feeder So0 product extension auxiliary switch risulation 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 69 / 11 ms mechanical service life (operating cycles) of contactor typical substance Prohibitance (Date) 30 000 000 type of assignment 2 Substance Prohibitance (Date) 30 000 000 4 uring operation 4 during poteration 4 during storage 4 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 1 rated value 1 rated value 1 service victory rated value 1 operating frequency rated value 2 operating frequency rated value 2 operating power at AC-3 4 at 400 V rated value 3 at 400 V rated value 4 at 4500 V rated value 5 at 4500 V rated value 5 at 4500 V rated value 5 at 500 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 3RA19211-DA00 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 storage 5-50 +80 °C during transport 5-55 +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 690 V operating frequency rated value 690 V at AC-3 rated value 690 V rated value 600 W at 600 V rated value 600 V	product designation	non-fused motor starter 3RA2
of the supplied contactor of the supplied circuit-breakers of the supplied ink module saray2011-0CA10 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 substance Prohibitance (Date) Ambient conditions Ambient conditions Ambient conditions Ambient conditions Adding operation during operation during storage during transport 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 operating power at AC-3 at 400 V rated value at 500 V at 600 V rated value at 600 V at 600 V rated value at 600 V at 600 V rated value	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 So0 size of load feeder product extension auxiliary switch resimination voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value de (NV) shock resistance according to IEC 600088-2-27 de (7 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 storage during transport All recruit mumber of poles for main current circuit design of the switching contact degree of pollution adjustable current response value current of the current-dependent overload release operating voltage * rated value * at AC-3 rated value maximum degree of pollution * at 1500 V 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 890 V degree of pollution 3 surge voltage resistance according to IEC 60068-2-27	 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 	3RV2011-0CA10
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 • at 500 V rated value • at 600 V rated value	 of the supplied link module 	3RA1921-1DA00
size of load feeder product extension auxiliary switch 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 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 e at AC-3 rated value maximum sport at AC-3 e at 400 V rated value at 800 V rated value e at 500 V rated value e at 600 V rated value 90 W e at 600 V rated value frontrol crucit/ 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 design 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 600 V rated value 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 operational current at AC-3 at 400 V rated value 0.2 A operating power at AC-3 • at 400 V rated value 60 W • at 500 V rated value 90 W • at 500 V rated value 90 W • at 600 V rated value 120 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 5 during storage 5 during transport -55 +80 °C 4 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 1 at AC-3 rated value 90 V operating frequency rated value operating frequency rated value 1 operating power at AC-3 1 at 690 V rated value 1 at 600 V rated value	product extension auxiliary switch	Yes
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 operating frequency rated value 50 60 Hz operational current at AC-3 at 400 V rated value 0.2 A operating power at AC-3 • at 400 V rated value 60 W • at 500 V rated value 90 W • at 600 V rated value 90 W	insulation voltage with degree of pollution 3 at AC rated value	690 V
shock resistance according to IEC 60068-2-27 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 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 60 W • at 500 V rated value 90 W • at 690 V valed value 90 W • at 690 V valed value 90 W • at 400 V rated value 90 W • at 400 V rated value 90 W • at 690 V valed value 90 W • at 690 V rated value 120 W Control circuit/ Control control supply voltage at AC	degree of pollution	3
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 -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 690 V V rated value	surge voltage resistance rated value	6 kV
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 operating frequency rated value 50 60 Hz operating power at AC-3 • at 400 V rated value 60 W • at 690 V rated value 60 W • at 690 V rated value 90 W • at 690 V rated value 120 W Control circuit/ Control control supply voltage at AC	shock resistance according to IEC 60068-2-27	6g / 11 ms
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 500 V rated value • at 690 V rated value	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 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	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 690 V • at 690 V operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 600 W • 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 500 V rated value at 500 V rated value at 600 V Ontrol circuit/ Control Control supply voltage at AC	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 operating power at AC-3 • at 400 V rated value • at 690 V 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 500 V rated value Ocontrol circuit/ Control control supply voltage at AC	ambient temperature	
olduring 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 operating power at AC-3 • at 400 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 690 V rated value	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 operating power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V operating treduction of the current	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 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 500 V rated value • at 690 V rated value	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 • at 690 V 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 0.2 A 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 AC	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		0.18 0.25 A
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 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 control circuit/ Control control supply voltage at AC	operating voltage	
operating frequency rated value operational current at AC-3 at 400 V rated value operating power at AC-3 operating pow	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 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 120 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 at 690 V rated value 120 W Control circuit/ Control control supply voltage at AC	operational current at AC-3 at 400 V rated value	0.2 A
at 500 V rated value at 690 V rated value 120 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	60 W
Control circuit/ Control control supply voltage at AC	at 500 V rated value	90 W
control supply voltage at AC	at 690 V rated value	120 W
	Control circuit/ Control	
• at 50 Hz rated value 220 V	control supply voltage at AC	
	at 50 Hz rated value	220 V

touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 Certificates/ approvals General Product Approval	For use in hazard- ous locations Declaration of Conformity
	finger-safe, for vertical contact from the front
·	finger-safe, for vertical contact from the front
•	
	IP20
according to SN 31920	
proportion of dangerous failures with high demand rate	73 %
B10 value with high demand rate according to SN 31920	1 000 000
stranded with core end processing afety related data	V.V 2.0 Hilli
stranded connectable conductor cross-section for main contacts finely	0.5 2.5 mm ²
type of connectable conductor cross-sections for main contacts	0.5 4 mm², 2x (0.75 2.5 mm²)
type of electrical connection for main current circuit	screw-type terminals
onnections/ Terminals	
— at the side	9 mm
— downwards	10 mm
— upwards	20 mm
— backwards	0 mm
— forwards	0 mm
for live parts	
— at the side — downwards	10 mm
— upwards — at the side	20 mm 9 mm
	0 mm 20 mm
— lorwards — backwards	0 mm
— forwards	0 mm
• for grounded parts	
required spacing	VI.I tillii
depth	97.1 mm
height width	90 mm
<u> </u>	170 mm
fastening method	Snap-mounted to DIN rail or screw-mounted with additional push-in lug
mounting position	vertical
estallation/ mounting/ dimensions	
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
at 400 V according to IEC 60947-4-1 rated value at 400 V according to IEC 60947-4-1 rated value	153 000 A
at 690 V according to IEC 60947-4-1 rated value	100 000 A
conditional short-circuit current (Iq)	ag., out
design of the short-circuit trip	magnetic
product function short circuit protection	Yes
hort-circuit protection	U.2011
response value current of instantaneous short-circuit trip unit	3.25 A
design of the overload release	thermal (bimetallic)
trip class	CLASS 10
rotective and monitoring functions	
number of NC contacts for auxiliary contacts	1
uxiliary circuit	V.20
inductive power factor with the holding power of the coil	0.25
apparent holding power of magnet coil at AC	4.8 VA
at 60 Hz rated value at 60 Hz rated value	192 264 V
	240 V
 at 50 Hz rated value at 60 Hz rated value 	187 242 V











Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









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=3RA2210-0CA15-2AP6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2210-0CA15-2AP6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0CA15-2AP6

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

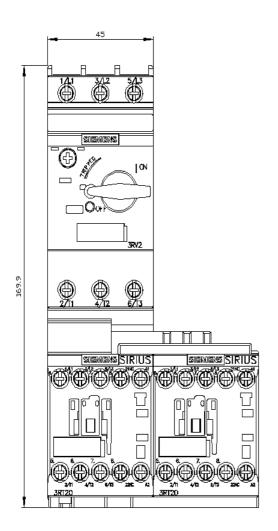
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2210-0CA15-2AP6&lang=en

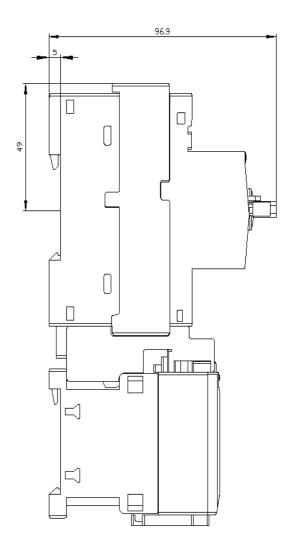
Characteristic: Tripping characteristics, I2t, Let-through current

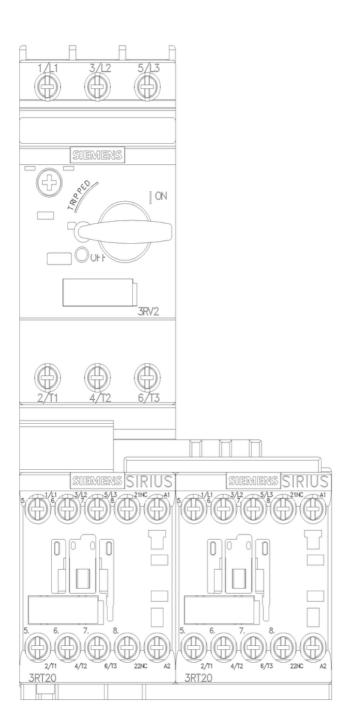
https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0CA15-2AP6/char

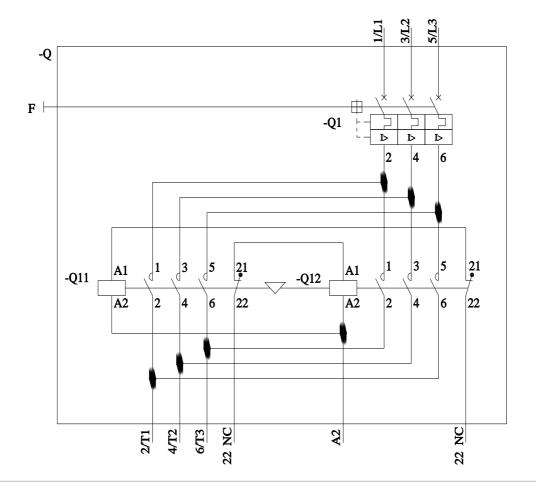
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-0CA15-2AP6&objecttype=14&gridview=view1









last modified: 3/3/2023 🖸