SIEMENS

Data sheet

3RA2110-0AA15-1BB4

STARTER DOL S00 0.11-0.16A 24VD STARTER DOL S00 0.11-0.16A 24VD



product designation design of the product design of the product manufacturer's article number of the supplied contactor of the supplied circuit-breakers of the supplied ficroit-breakers size of the circuit-breaker 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 surge voltage resistance rated value shock resistance according to IEC 60068-2-27 6g / 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 storage during transport -50 +80 °C during transport -50 +80 °C during transport -50 +80 °C -	product brand name	SIRIUS		
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of the supplied link module General technical data size of the circuit-breaker size of toad 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 60068-2-27 mechanical service life (operating cycles) of contactor typical ype of assignment 2 Substance Prohibitance (Date) Ambient conditions ambient temperature during storage during storage during transport 3 40 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 power at AC-3 * at 400 V rated value * at 4500 V rated value * at 4600 V rated value * a	of the supplied circuit-breakers			
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 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) 10/01/2009 Ambient conditions ambient temperature • during operation -20	General technical data			
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type of assignment 2 Substance Prohibitance (Date) 10/01/2009 Ambient conditions ambient temperature	shock resistance according to IEC 60068-2-27	6g / 11 ms		
Substance Prohibitance (Date) Ambient conditions ambient temperature • during operation • during storage • during transport -50 +80 °C • during transport -50 +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 power at AC-3 • at 400 V rated value • at 500 V rated value • at 690 V vrated value • at 690 V rated value	mechanical service life (operating cycles) of contactor typical	30 000 000		
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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 other in the surrent at AC-3 operating control circuit/ Control control supply voltage at DC	during storage	-50 +80 °C		
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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 rated value of 690 V Control circuit/ Control control supply voltage at DC	operating voltage			
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operational current at AC-3 at 400 V rated value 0.16 A operating power at AC-3 • at 400 V rated value 40 W • at 500 V rated value 40 W • at 690 V rated value 60 W Control circuit/ Control control supply voltage at DC	at AC-3 rated value maximum	690 V		
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at 400 V rated value at 500 V rated value at 690 V rated value 60 W Control circuit/ Control control supply voltage at DC	operational current at AC-3 at 400 V rated value	0.16 A		
at 500 V rated value at 690 V rated value 60 W Control circuit/ Control control supply voltage at DC	operating power at AC-3			
at 690 V rated value Control circuit/ Control control supply voltage at DC	• at 400 V rated value	40 W		
Control circuit/ Control control supply voltage at DC	• at 500 V rated value	40 W		
control supply voltage at DC	at 690 V rated value	60 W		
	Control circuit/ Control			
rated value 24 V	control supply voltage at DC			
	• rated value	24 V		

holding power of magnet coil at DC	4 W	4 W			
Protective and monitoring functions					
trip class	CLAS	CLASS 10			
design of the overload release	therm	thermal (bimetallic)			
response value current of instantaneous short-circuit trip unit	2.08 A				
Short-circuit protection	2.0071				
product function short circuit protection	Yes	Yes			
design of the short-circuit trip	magn	etic			
conditional short-circuit current (Iq)					
at 690 V according to IEC 60947-4-1 rated value	100 0	00 A			
at 400 V according to IEC 60947-4-1 rated value	153 0	00 A			
at 500 V according to IEC 60947-4-1 rated value	100 0	00 A			
Installation/ mounting/ dimensions					
mounting position	vertic	vertical			
fastening method	screw	screw and snap-on mounting onto 35 mm DIN rail			
height	167.2	167.2 mm			
width	45 mm				
depth	97.1 mm				
required spacing					
for grounded parts					
— forwards	0 mm	0 mm			
— backwards	0 mm	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	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	0.5 2.5 mm²			
Safety related data					
B10 value with high demand rate according to SN 31920	1 000	1 000 000			
proportion of dangerous failures with high demand rate according to SN 31920	73 %	73 %			
protection class IP on the front according to IEC 60529	IP20	IP20			
touch protection on the front according to IEC 60529	finger	finger-safe, for vertical contact from the front			
Certificates/ approvals					
General Product Approval		For use in hazard- ous locations	Declaration of Conformity		

Confirmation











Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









Marine / Shipping other Railway Dangerous Good







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=3RA2110-0AA15-1BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-0AA15-1BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0AA15-1BB4

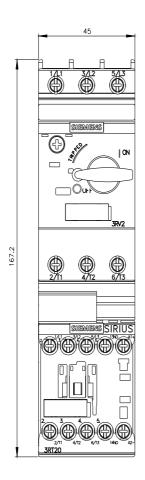
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

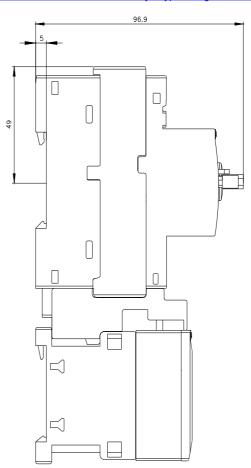
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-0AA15-1BB4&lang=en

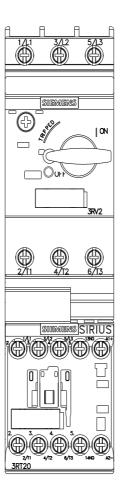
Characteristic: Tripping characteristics, I2t, Let-through current

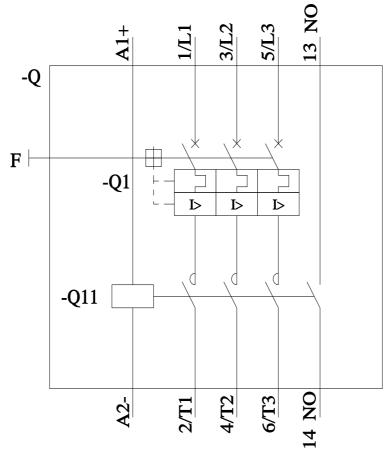
https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0AA15-1BB4/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-0AA15-1BB4&objecttype=14&gridview=view1









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