## 3RA2110-0AA15-1AK6





FUSELESS LOAD FEEDER DIRECT START, AC 400V, SZ. S00 0.11...0.16A,AC110/120V 50/60HZ SCREW TERMINAL FOR RAIL MOUNTING, TYPE OF ASSIGNMENT 2,IQ = 150KA (ALSO FULFILLS TYPE OF ASSIGNMENT 1) 1NO (CONTACTOR)

product brand name	SIRIUS
product designation	non-fused load feeders 3RA2
design of the product	direct starter
manufacturer's article number	
<ul> <li>of the supplied contactor</li> </ul>	3RT2015-1AK61
<ul> <li>of the supplied circuit-breakers</li> </ul>	3RV2011-0AA10
<ul> <li>of the supplied link module</li> </ul>	3RA1921-1DA00
General technical data	
size of the circuit-breaker	S00
size of load feeder	S00
product extension auxiliary switch	Yes
insulation voltage with degree of pollution 3 at AC rated value	690 V
degree of pollution	3
surge voltage resistance rated value	6 kV
shock resistance according to IEC 60068-2-27	6g / 11 ms
mechanical service life (operating cycles) of contactor typical	30 000 000
type of assignment	2
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-20 +60 °C
during storage	-50 +80 °C
during transport	-50 +80 °C
Main circuit	
number of poles for main current circuit	3
design of the switching contact	electromechanical
adjustable current response value current of the current- dependent overload release	0.11 0.16 A
operating voltage	
rated value	690 V
at AC-3 rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current at AC-3 at 400 V rated value	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 AC	
• at 50 Hz rated value	110 V

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a at 60 Hz rated value	120 \/			
at 60 Hz rated value	120 V			
apparent holding power of magnet coil at AC Protective and monitoring functions	4.2 VA			
	01.400.40			
trip class	CLASS 10			
design of the overload release	thermal (bimetallic)			
response value current of instantaneous short-circuit trip unit	2.08 A			
Short-circuit protection	.,			
product function short circuit protection	Yes			
design of the short-circuit trip	magnetic			
conditional short-circuit current (Iq)				
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	screw and snap-on mounting onto 35 mm DIN rail			
height	167.2 mm			
width	45 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 mm <sup>2</sup>			
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				
General Product Approval  For use in hazard- ous locations  Declaration of Conform			Declaration of Conformity	

Confirmation











Marine / Shipping

Special Test Certificate

**Test Certificates** 

Type Test Certificates/Test Report









Marine / Shipping other 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=3RA2110-0AA15-1AK6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-0AA15-1AK6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0AA15-1AK6

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

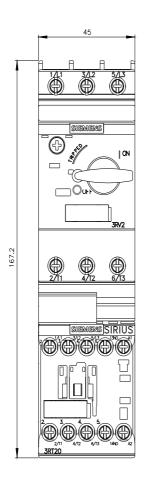
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2110-0AA15-1AK6&lang=en

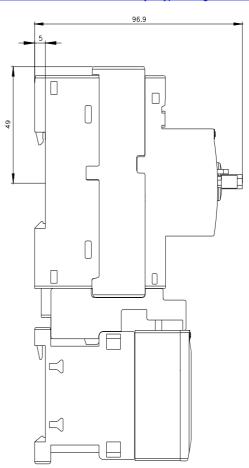
Characteristic: Tripping characteristics, I2t, Let-through current

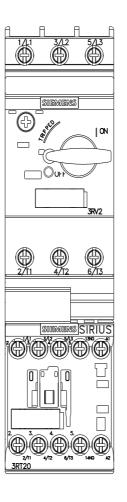
https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0AA15-1AK6/char

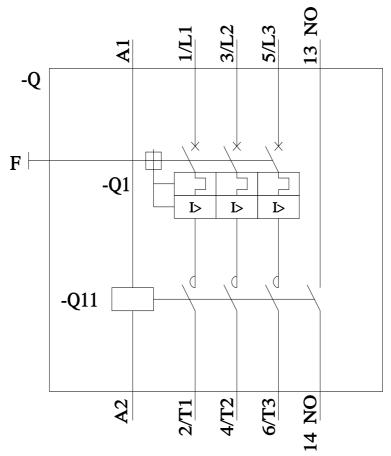
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-0AA15-1AK6&objecttype=14&gridview=view1









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