








FUSELESS LOAD FEEDER DIRECT START, AC 400V, SZ. S00 0.14...0.2A, AC110/120V 50/60HZ SCREW TERMINAL FOR BUSBAR SYSTEMS 60MM TYPE OF ASSIGNMENT 2,IQ = 150KA (ALSO FULFILLS TYPE OF ASSIGNMENT 1) 1NO (CONTACTOR)

<b>product brand name</b>	SIRIUS
<b>product designation</b>	non-fused load feeders 3RA2
<b>design of the product</b>	direct starter
<b>manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• of the supplied contactor</li> <li>• of the supplied circuit-breakers</li> <li>• of the supplied busbar adapter</li> <li>• of the supplied link module</li> </ul>	<a href="#">3RT2015-1AK61</a> <a href="#">3RV2011-0BA10</a> <a href="#">8US1251-5DS10</a> <a href="#">3RA1921-1DA00</a>
<b>General technical data</b>	
<b>size of the circuit-breaker</b>	S00
<b>size of load feeder</b>	S00
product extension auxiliary switch	Yes
insulation voltage with degree of pollution 3 at AC rated value	690 V
<b>degree of pollution</b>	3
<b>surge voltage resistance rated value</b>	6 kV
<b>shock resistance according to IEC 60068-2-27</b>	6 g / 11 ms
mechanical service life (operating cycles) of contactor typical	30 000 000
<b>type of coordination</b>	2
<b>Substance Prohibitance (day/month/year)</b>	10/01/2009
<b>SVHC substance name</b>	Lead CAS-No. 7439-92-1
<b>Net Weight</b>	6.415 kg
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>	-20 ... +60 °C -50 ... +80 °C -50 ... +80 °C
<b>Main circuit</b>	
<b>number of poles for main current circuit</b>	3
<b>design of the switching contact</b>	electromechanical
<b>adjustable current response value current of the current-dependent overload release</b>	0.14 ... 0.2 A
<b>operating voltage</b>	
<ul style="list-style-type: none"> <li>• rated value</li> <li>• at AC-3 rated value maximum</li> </ul>	690 V 690 V
<b>operating frequency rated value</b>	50 ... 60 Hz
operational current at AC-3 at 400 V rated value	0.2 A
operating power at AC-3	
<ul style="list-style-type: none"> <li>• at 400 V rated value</li> <li>• at 500 V rated value</li> </ul>	60 W 60 W

• at 690 V rated value	90 W				
<b>Control circuit/ Control</b>					
<b>control supply voltage at AC</b>					
• at 50 Hz rated value	110 V				
• at 60 Hz rated value	120 V				
<b>apparent holding power of magnet coil at AC</b>	4.2 VA				
<b>Protective and monitoring functions</b>					
<b>trip class</b>	CLASS 10				
<b>design of the overload release</b>	thermal (bimetallic)				
response value current of instantaneous short-circuit trip unit	2.6 A				
<b>Short-circuit protection</b>					
<b>product function short circuit protection</b>	Yes				
<b>design of the short-circuit trip</b>	magnetic				
<b>conditional short-circuit current (I<sub>q</sub>)</b>					
• 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				
<b>Installation/ mounting/ dimensions</b>					
<b>mounting position</b>	vertical				
<b>fastening method</b>	for snapping onto 60 mm busbar systems				
<b>height</b>	200 mm				
<b>width</b>	45 mm				
<b>depth</b>	155 mm				
<b>required spacing</b>					
• 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				
<b>Connections/ Terminals</b>					
type of electrical connection for main current circuit	screw-type terminals				
type of connectable conductor cross-sections for main contacts stranded	0.5 ... 4 mm <sup>2</sup> , 2x (0.75 ... 2.5 mm <sup>2</sup> )				
connectable conductor cross-section for main contacts finely stranded with core end processing	0.5 ... 2.5 mm <sup>2</sup>				
<b>Safety related data</b>					
proportion of dangerous failures with high demand rate according to SN 31920	73 %				
<b>B10 value with high demand rate according to SN 31920</b>	1 000 000				
<b>Electrical Safety</b>					
<b>protection class IP on the front according to IEC 60529</b>	IP20				
<b>touch protection on the front according to IEC 60529</b>	finger-safe, for vertical contact from the front				
<b>Approvals Certificates</b>					
<b>Environment</b>	<b>General Product Approval</b>	<b>For use in hazardous locations</b>			
<a href="#">Environmental Conformations</a>					
<b>Test Certificates</b>	<b>Maritime application</b>				

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



#### Maritime application

#### other



[Confirmation](#)

[Confirmation](#)



#### Railway

[Special Test Certificate](#)

#### Further information

##### Information on the packaging

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

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### 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=3RA2110-0BD15-1AK6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0BD15-1AK6>

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

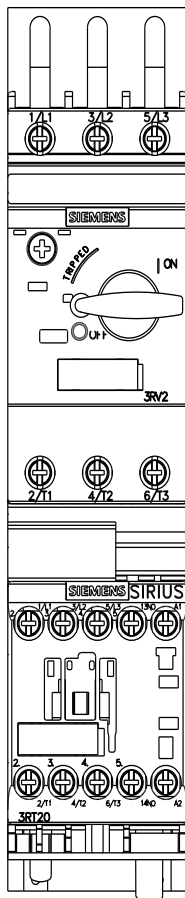
[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA2110-0BD15-1AK6&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-0BD15-1AK6&lang=en)

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-0BD15-1AK6>

##### Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)





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