



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

<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 link module</li> </ul>	<a href="#">3RT2015-1BB41</a> <a href="#">3RV2011-0AA10</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
shock resistance according to IEC 60068-2-27	6g / 11 ms
mechanical service life (switching cycles) of contactor typical	30 000 000
<b>type of assignment</b>	2
<b>Substance Prohibitance (Date)</b>	10/01/2009
<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>	0.11 ... 0.16 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	0.16 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> <li>• at 690 V rated value</li> </ul>	40 W 40 W 60 W
<b>Control circuit/ Control</b>	

<b>control supply voltage at DC</b>			
• rated value		24 V	
<b>holding power of magnet coil at DC</b>		4 W	
<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		2.08 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>		screw and snap-on mounting onto 35 mm standard mounting rail	
<b>height</b>		167.2 mm	
<b>width</b>		45 mm	
<b>depth</b>		97.1 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	
<b>type of connectable conductor cross-sections</b>			
• for main contacts stranded		0.5 ... 4 mm <sup>2</sup> , 2x (0.75 ... 2.5 mm <sup>2</sup> )	
• at AWG cables for main contacts		2x (20 ... 16), only for contactor 2x (18 ... 14), 2x 12	
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>			
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 %	
<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>Certificates/ approvals</b>			
<b>General Product Approval</b>		<b>For use in hazardous locations</b>	<b>Declaration of Conformity</b>



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



LRS

### Marine / Shipping

other

Railway



[Confirmation](#)

[Vibration and Shock](#)

### Dangerous Good

[Transport Information](#)

### Further information

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, ...)

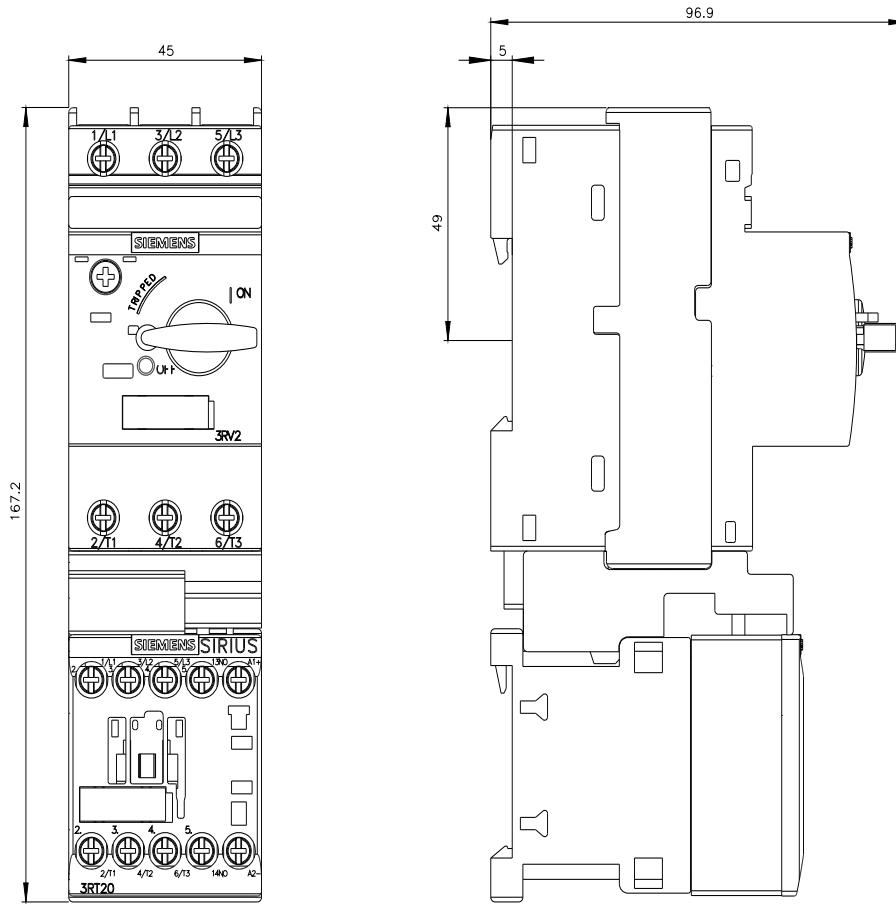
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA2110-0AA15-1BB4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-0AA15-1BB4&lang=en)

Characteristic: Tripping characteristics, I<sup>t</sup>, 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>



last modified:

12/15/2020 