



Load feeder fuseless direct-on-line starting, 400 V AC Size S00 4.5-6.3 A, 24 V DC 1 NO (contactor), Screw terminal for installation on standard mounting rail Type of coordination 1, I<sub>q</sub> = 50 kA !!! Phased-out product !!! Successor is SIRIUS 3RA2 Preferred successor type is >>3RA2110-1GA15-1BB4<<

Figure similar

<b>product brand name</b>	SIRIUS
<b>product designation</b>	non-fused load feeder
<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="#">3RT1015-1BB41</a> <a href="#">3RV1011-1GA10</a> <a href="#">3RA1911-1AA00</a>
<b>General technical data</b>	
<b>size of load feeder</b>	S00
product extension auxiliary switch	Yes
insulation voltage rated value	690 V
<b>degree of pollution</b>	3
<b>surge voltage resistance rated value</b>	6 kV
protection class IP on the front	IP20
<b>shock resistance</b>	9.8g
mechanical service life (switching cycles) of contactor typical	30 000 000
<b>type of assignment</b>	1
<b>certificate of suitability</b>	UL / CSA / CCC / GL / LRS / BV / DNV / PRS
<b>reference code acc. to IEC 81346-2</b>	Q
<b>Ambient conditions</b>	
installation altitude at height above sea level maximum	2 000 m
<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-20 ... +70 °C -55 ... +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>	4.5 ... 6.3 A
<b>type of the motor protection</b>	bimetal
operating voltage at AC-3 rated value maximum	400 V
operational current at AC-3 at 400 V rated value	5 A
operating power at AC-3	
<ul style="list-style-type: none"> <li>• at 400 V rated value</li> </ul>	2.2 kW
<b>no-load switching frequency</b>	15 1/s
<b>Control circuit/ Control</b>	
<b>type of voltage of the control supply voltage</b>	DC
<b>control supply voltage 1</b>	

<ul style="list-style-type: none"> <li>at DC rated value</li> </ul>	24 V		
<b>Auxiliary circuit</b>			
<b>number of NO contacts for auxiliary contacts</b>	1		
<b>Protective and monitoring functions</b>			
breaking capacity maximum short-circuit current (I <sub>cu</sub> ) at 400 V rated value	50 kA		
<b>Short-circuit protection</b>			
<b>product function short circuit protection</b>	Yes		
<b>design of short-circuit protection</b>	circuit-breakers		
<b>Installation/ mounting/ dimensions</b>			
<b>mounting position</b>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back		
<b>fastening method</b>	snap-on mounting		
<b>height</b>	159 mm		
<b>width</b>	45 mm		
<b>depth</b>	75 mm		
<b>required spacing</b>			
<ul style="list-style-type: none"> <li>with side-by-side mounting at the side</li> <li>for grounded parts <ul style="list-style-type: none"> <li>— forwards 10 mm</li> <li>— backwards 0 mm</li> <li>— upwards 20 mm</li> <li>— at the side 9 mm</li> </ul> </li> <li>for live parts <ul style="list-style-type: none"> <li>— forwards 10 mm</li> <li>— backwards 9 mm</li> <li>— downwards 0 mm</li> <li>— at the side 20 mm</li> </ul> </li> </ul>			
<b>Connections/ Terminals</b>			
type of electrical connection for main current circuit	screw-type terminals		
<b>type of connectable conductor cross-sections</b>			
<ul style="list-style-type: none"> <li>for main contacts <ul style="list-style-type: none"> <li>— solid 0.5 ... 4 mm<sup>2</sup>, 2x (0.75 ... 2.5 mm<sup>2</sup>)</li> <li>— stranded 0.5 ... 4 mm<sup>2</sup>, 2x (0.75 ... 2.5 mm<sup>2</sup>)</li> <li>— finely stranded with core end processing 0.5 ... 2.5 mm<sup>2</sup>, 2x (0.5 ... 2.5 mm<sup>2</sup>)</li> </ul> </li> <li>at AWG cables for main contacts 2x (18 ... 14)</li> </ul>			
<b>connectable conductor cross-section for main contacts</b>			
<ul style="list-style-type: none"> <li>solid or stranded 0.5 ... 4 mm<sup>2</sup></li> <li>stranded 0.5 ... 4 mm<sup>2</sup></li> <li>finely stranded with core end processing 0.5 ... 2.5 mm<sup>2</sup></li> </ul>			
AWG number as coded connectable conductor cross section for main contacts	18 ... 14		
<b>Communication/ Protocol</b>			
<b>protocol is supported</b>			
<ul style="list-style-type: none"> <li>PROFIBUS DP protocol No</li> <li>PROFINET protocol No</li> </ul>			
<b>product function bus communication</b>	No		
protocol is supported AS-Interface protocol	No		
<b>Inputs/ Outputs</b>			
<b>number of digital inputs</b>	0		
<b>Certificates/ approvals</b>			
General Product Approval	For use in hazardous locations	Declaration of Conformity	Marine / Shipping



[UK Declaration of Conformity](#)





[Confirmation](#)

#### 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=3RA1110-1GA15-1BB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1110-1GA15-1BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1110-1GA15-1BB4>

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

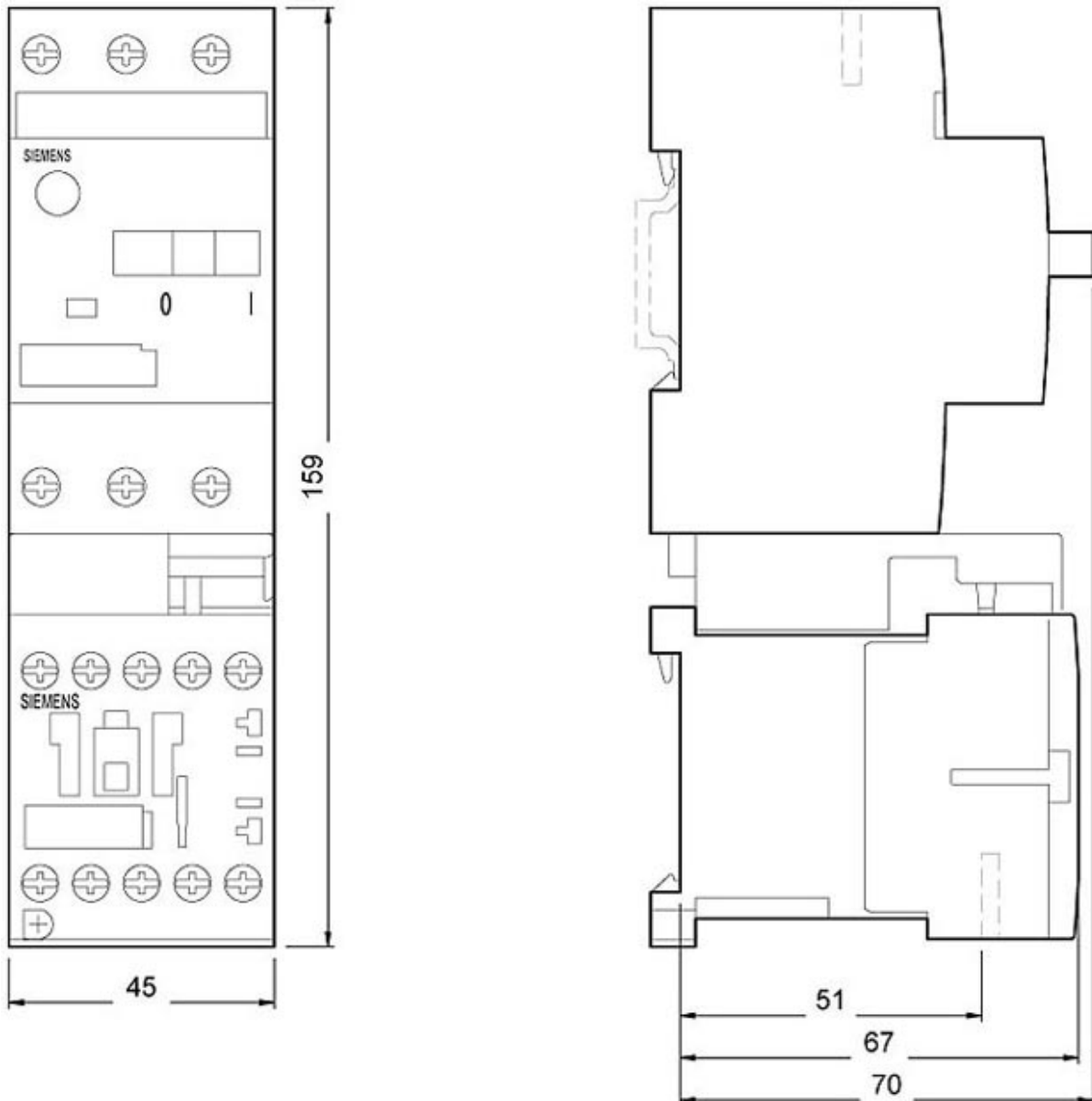
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA1110-1GA15-1BB4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1110-1GA15-1BB4&lang=en)

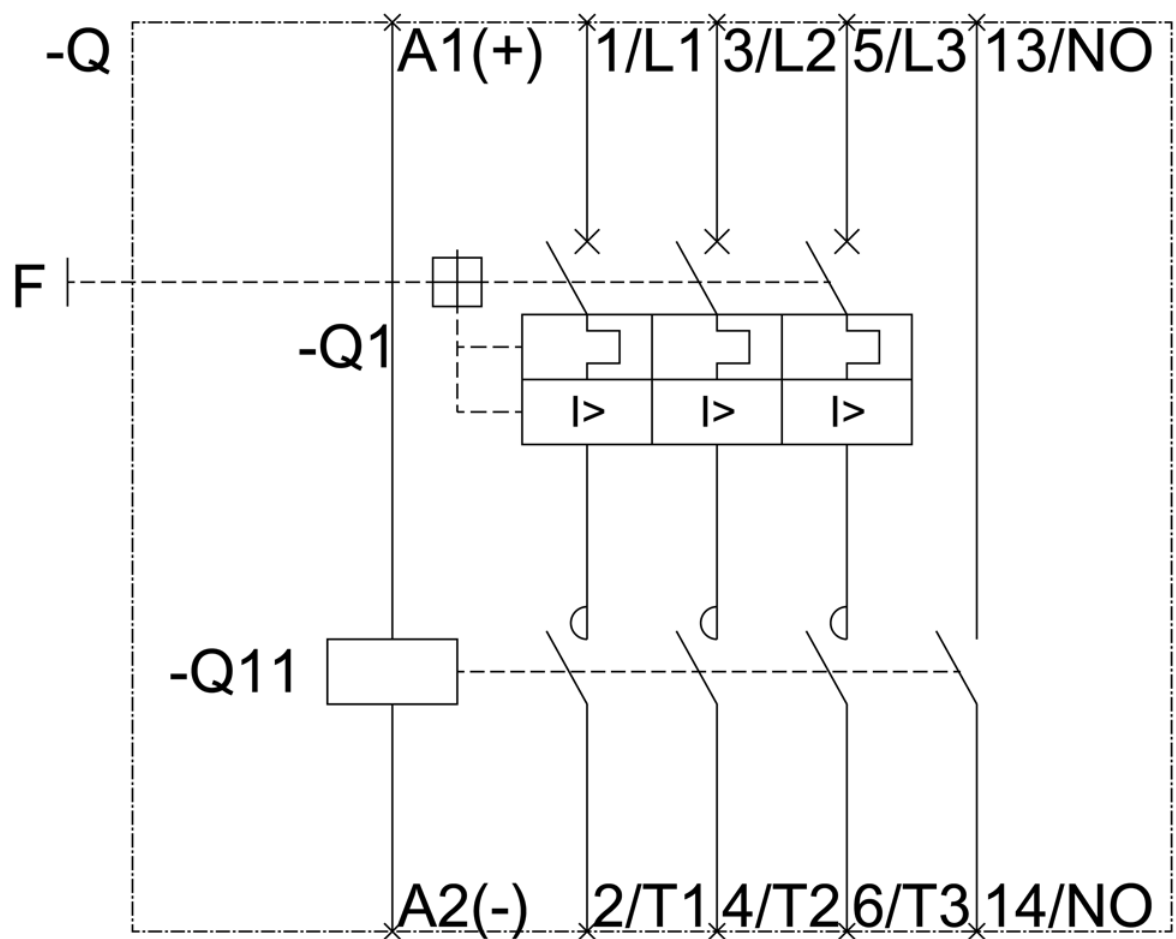
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1110-1GA15-1BB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA1110-1GA15-1BB4&objecttype=14&gridview=view1>





last modified:

4/15/2021 