



Load feeder fuseless, Reversing duty 400 V AC, Size S00 0.28...0.40 A 24 V DC screw terminal for installation on standard mounting rail (also fulfills type of coordination 1) Type of coordination 2, I_q = 150 kA 1 NC (contactor)

<p>product brand name</p> <p>product designation</p> <p>design of the product</p> <p>product type designation</p> <p>manufacturer's article number</p> <ul style="list-style-type: none"> • of the supplied contactor • of the supplied circuit-breakers • of the supplied link module 	<p>SIRIUS</p> <p>Reversing starter for standard rail or screw mounting</p> <p>3RA22</p> <p>3RT2015-1BB42</p> <p>3RV2011-0EA10</p> <p>3RA1921-1DA00</p>
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General technical data

<p>size of the circuit-breaker</p> <p>size of load feeder</p> <p>insulation voltage with degree of pollution 3 at AC rated value</p> <p>surge voltage resistance rated value</p> <p>degree of protection NEMA rating</p> <p>shock resistance according to IEC 60068-2-27</p> <p>mechanical service life (operating cycles) of contactor typical</p> <p>type of assignment</p> <p>type of protection according to ATEX directive 2014/34/EU</p> <p>certificate of suitability according to ATEX directive 2014/34/EU</p> <p>Substance Prohibitance (Date)</p>	<p>S00</p> <p>S00</p> <p>690 V</p> <p>6 kV</p> <p>other</p> <p>6g / 11 ms</p> <p>30 000 000</p> <p>2</p> <p>Ex II (2) GD</p> <p>DMT 02 ATEX F 001</p> <p>10/01/2009</p>
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Ambient conditions

<p>ambient temperature</p> <ul style="list-style-type: none"> • during operation • during storage • during transport <p>temperature compensation</p> <p>relative humidity during operation</p>	<p>-20 ... +60 °C</p> <p>-50 ... +80 °C</p> <p>-50 ... +80 °C</p> <p>-20 ... +60 °C</p> <p>10 ... 95 %</p>
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Main circuit

<p>number of poles for main current circuit</p> <p>design of the switching contact</p> <p>adjustable current response value current of the current-dependent overload release</p> <p>operating voltage</p> <ul style="list-style-type: none"> • rated value • at AC-3 rated value maximum • at AC-3e rated value maximum <p>operating frequency rated value</p> <p>operational current</p>	<p>3</p> <p>electromechanical</p> <p>0.28 ... 0.4 A</p> <p>690 V</p> <p>690 V</p> <p>690 V</p> <p>50 ... 60 Hz</p>
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<ul style="list-style-type: none"> • at AC-3 at 400 V rated value • at AC-3e at 400 V rated value 	0.3 A	
operating power	0.3 A	
<ul style="list-style-type: none"> • at AC-3 <ul style="list-style-type: none"> — at 400 V rated value 	90 W	
<ul style="list-style-type: none"> • at AC-3e <ul style="list-style-type: none"> — at 400 V rated value 	90 kW	
Control circuit/ Control		
type of voltage of the control supply voltage	DC	
control supply voltage at DC		
<ul style="list-style-type: none"> • rated value 	24 V	
<ul style="list-style-type: none"> • rated value 	24 ... 24 V	
holding power of magnet coil at DC	4 W	
Auxiliary circuit		
product extension auxiliary switch	Yes	
Protective and monitoring functions		
trip class	CLASS 10	
design of the overload release	thermal (bimetallic)	
UL/CSA ratings		
full-load current (FLA) for 3-phase AC motor		
<ul style="list-style-type: none"> • at 480 V rated value 	0.4 A	
Short-circuit protection		
product function short circuit protection	Yes	
design of the short-circuit trip	magnetic	
conditional short-circuit current (I_q)		
<ul style="list-style-type: none"> • at 400 V according to IEC 60947-4-1 rated value 	150 000 A	
Installation/ mounting/ dimensions		
mounting position	vertical	
fastening method	screw and snap-on mounting onto 35 mm DIN rail	
height	170 mm	
width	90 mm	
depth	97 mm	
required spacing		
<ul style="list-style-type: none"> • for grounded parts <ul style="list-style-type: none"> — forwards — backwards — upwards — at the side — downwards • for live parts <ul style="list-style-type: none"> — forwards — backwards — upwards — downwards — at the side 	32 mm 0 mm 50 mm 10 mm 10 mm 32 mm 0 mm 50 mm 10 mm 10 mm	
Connections/ Terminals		
type of electrical connection		
<ul style="list-style-type: none"> • for main current circuit • for auxiliary and control circuit 	screw-type terminals screw-type terminals	
Safety related data		
B10 value with high demand rate according to SN 31920	1 000 000	
proportion of dangerous failures		
<ul style="list-style-type: none"> • with high demand rate according to SN 31920 	73 %	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front	
Communication/ Protocol		
protocol is supported		
<ul style="list-style-type: none"> • PROFINET IO protocol • PROFIsafe protocol 	No No	
protocol is supported AS-Interface protocol	No	
Certificates/ approvals		
General Product Approval	For use in hazard-	Declaration of Conformity

ous locations

[Confirmation](#)



Test Certificates

Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping

other

Railway

Dangerous Good



[Confirmation](#)

[Vibration and Shock](#)

[Transport Information](#)

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=3RA2210-0EA15-2BB4>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2210-0EA15-2BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0EA15-2BB4>

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

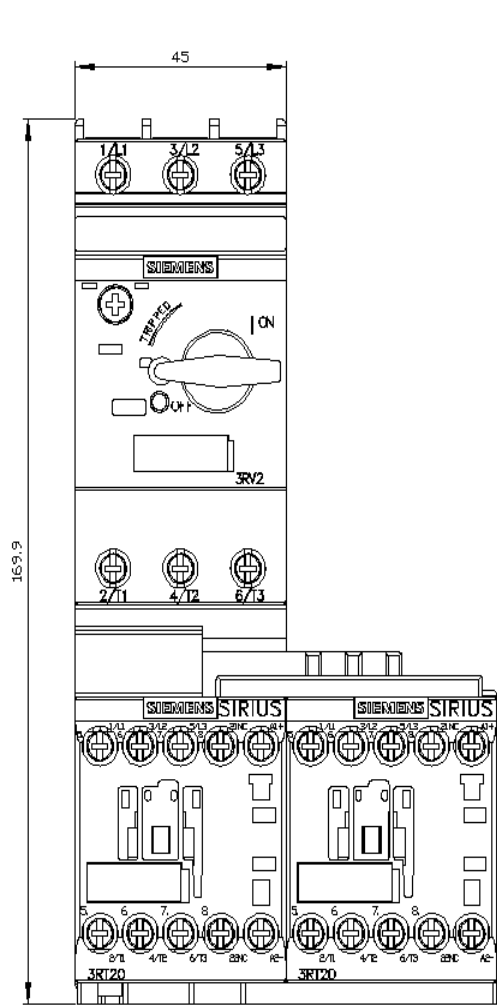
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2210-0EA15-2BB4&lang=en

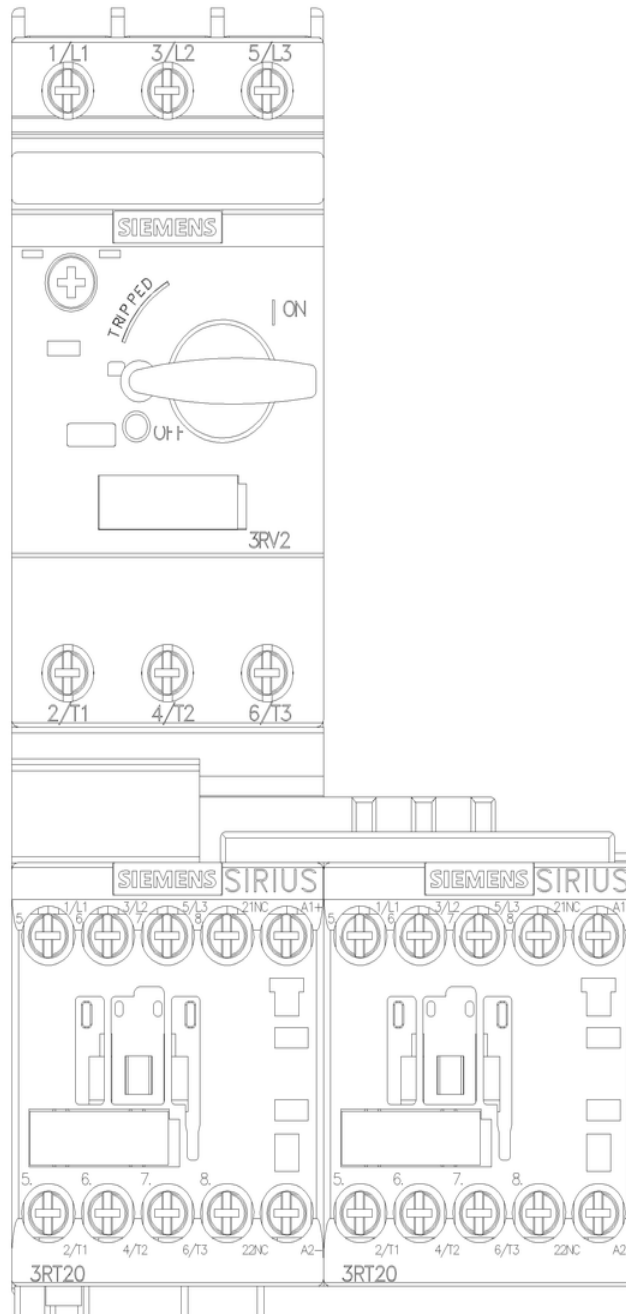
Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0EA15-2BB4/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-0EA15-2BB4&objecttype=14&gridview=view1>







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11/21/2022