



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

product brand name	SIRIUS
product designation	non-fused load feeders 3RA2
design of the product	direct starter
manufacturer's article number	
<ul style="list-style-type: none"> • of the supplied contactor • of the supplied circuit-breakers • of the supplied link module 	3RT2015-1BB41 3RV2011-0AA10 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 (switching cycles) of contactor typical	30 000 000
type of assignment	2
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage • during transport 	-20 ... +60 °C -50 ... +80 °C -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	
<ul style="list-style-type: none"> • rated value • at AC-3 rated value maximum 	690 V 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	
<ul style="list-style-type: none"> • at 400 V rated value • at 500 V rated value • at 690 V rated value 	40 W 40 W 60 W
Control circuit/ Control	

control supply voltage at DC			
• rated value		24 V	
holding power of magnet coil at DC		4 W	
Protective and monitoring functions			
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 (I_q)			
• 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 standard mounting 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 mm ² , 2x (0.75 ... 2.5 mm ²)	
• 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 ²	
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 hazardous locations	Declaration of Conformity



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



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

Characteristic: Tripping characteristics, I^t, 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>

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