

LOAD FEEDER FUSELESS DIRECT START, AC 400V, SZ S00 0.7.
 . . 1A, DC 24V SCREW CONNECTION FOR RAIL-MOUNTING,
 TYPE OF COORDINATION 2, IQ = 150KA (ALSO FULFILLS TYPE
 OF COORDINATION 1) 1NO (CONTACTOR)



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 3RV2011-0JA10 3RA1921-1DA00

General technical data:	
Size of the circuit-breaker	S00
Size of load feeder	S00
Insulation voltage	
<ul style="list-style-type: none"> • with degree of pollution 3 rated value 	690 V
Surge voltage resistance rated value	6 kV
Protection class IP	
<ul style="list-style-type: none"> • on the front 	IP20
Shock resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-27 	6g / 11 ms
Type of assignment	2
Protection against electrical shock	finger-safe

Ambient conditions:	
Ambient temperature	
• during operation	-20 ... +60 °C
• during storage	-50 ... +80 °C
• during transport	-50 ... +80 °C
Temperature compensation	-20 ... +60 °C
Relative humidity during operation	10 %
Main circuit:	
Number of poles for main current circuit	3
Adjustable pick-up value current of the current-dependent overload release	0.7 ... 1 A
Operating voltage	
• rated value	690 V
• at AC-3 rated value maximum	690 V
Operating frequency rated value	50 ... 60 Hz
Operating current	
• at AC-3	
— at 400 V rated value	0.85 A
Operating power	
• at AC-3	
— at 400 V rated value	250 W
Control circuit/ Control:	
Control supply voltage at DC	
• rated value	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 three-phase AC motor	
• at 480 V rated value	1 A
Yielded mechanical performance [hp]	
• for three-phase AC motor	
— at 575/600 V rated value	0.5 hp
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 acc. to IEC 60947-4-1 rated value 	153 000 A

Installation/ mounting/ dimensions:

Mounting position	Vertical
Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail
Height	167.2 mm
Width	45 mm
Depth	97.1 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 	<ul style="list-style-type: none"> 20 mm 0 mm 50 mm 20 mm 10 mm 20 mm 0 mm 50 mm 10 mm 20 mm

Connections/ Terminals:

Type of electrical connection	
<ul style="list-style-type: none"> • for main current circuit 	screw-type terminals

Safety related data:

B10 value	
<ul style="list-style-type: none"> • with high demand rate acc. to SN 31920 	1 000 000
Proportion of dangerous failures	
<ul style="list-style-type: none"> • with high demand rate acc. to SN 31920 	73 %

Certificates/approvals

General Product Approval	For use in hazardous locations	Declaration of Conformity
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Test Certificates	Shipping Approval
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[spezielle Prüfbescheinigungen](#)
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Shipping Approval	other	Railway
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[Bestätigungen](#)

[Schwingen/Schocke](#)
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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA21100JA151BB4>

Cax online generator

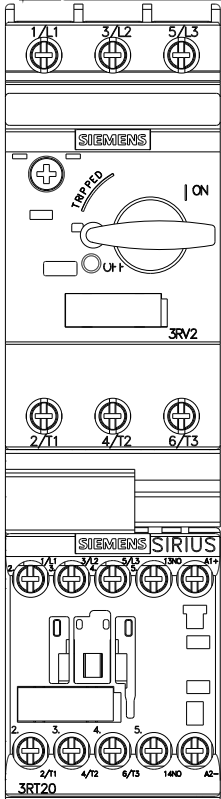
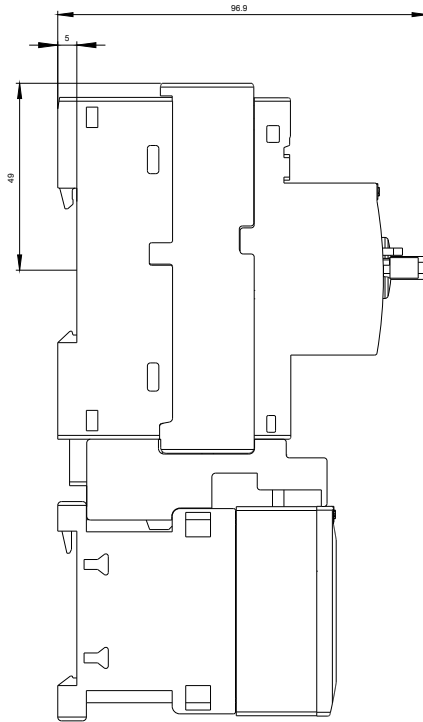
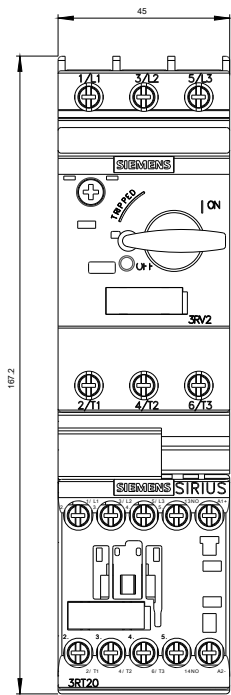
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA21100JA151BB4>

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

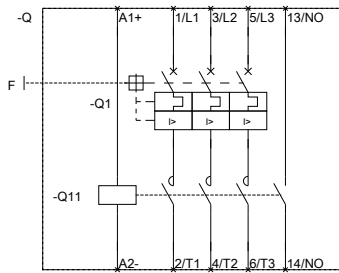
<https://support.industry.siemens.com/cs/ww/en/ps/3RA21100JA151BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA21100JA151BB4&lang=en



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