

LOAD FEEDER FUSELESS DIRECT START, AC 400V, SZ S00
0.35...0.5A, AC 230V SPRING-LOADED 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	
• of the supplied contactor	3RT2015-2AP01
• of the supplied circuit-breakers	3RV2011-0FA20
• of the supplied link module	3RA2911-2AA00

General technical data	
Size of the circuit-breaker	S00
Size of load feeder	S00
Insulation voltage	
• with degree of pollution 3 rated value	690 V
Surge voltage resistance rated value	6 kV
Protection class IP	
• on the front	IP20
Shock resistance	
• 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	0.35 ... 0.5 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	0.4 A
Operating power	
• at AC-3	
— at 400 V rated value	120 W
Control circuit/ Control	
Control supply voltage at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
Apparent holding power of magnet coil at AC	4.2 V·A
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	0.5 A
Short-circuit protection	
Product function	
• Short circuit protection	Yes
Design of the short-circuit trip	magnetic
Conditional short-circuit current (I_q)	
• 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	197.6 mm
Width	45 mm
Depth	97.1 mm
Required spacing	
• for grounded parts — forwards 20 mm — Backwards 0 mm — upwards 50 mm — at the side 20 mm — downwards 10 mm • for live parts — forwards 20 mm — Backwards 0 mm — upwards 50 mm — downwards 10 mm — at the side 20 mm	
Connections/Terminals	
Type of electrical connection	
• for main current circuit	spring-loaded terminals
Safety related data	
B10 value	
• with high demand rate acc. to SN 31920	1 000 000
Proportion of dangerous failures	
• 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](#)



other	Railway
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[Umweltbestätigung](#)

[Bestätigungen](#)

[Schwingen/Schocke](#)

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=3RA2110-0FE15-1AP0>

Cax online generator

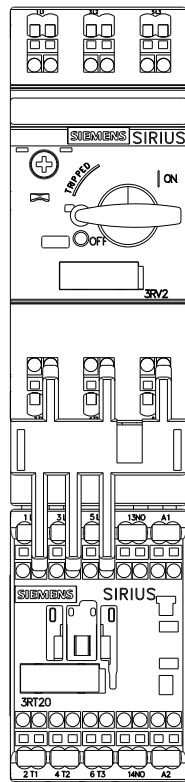
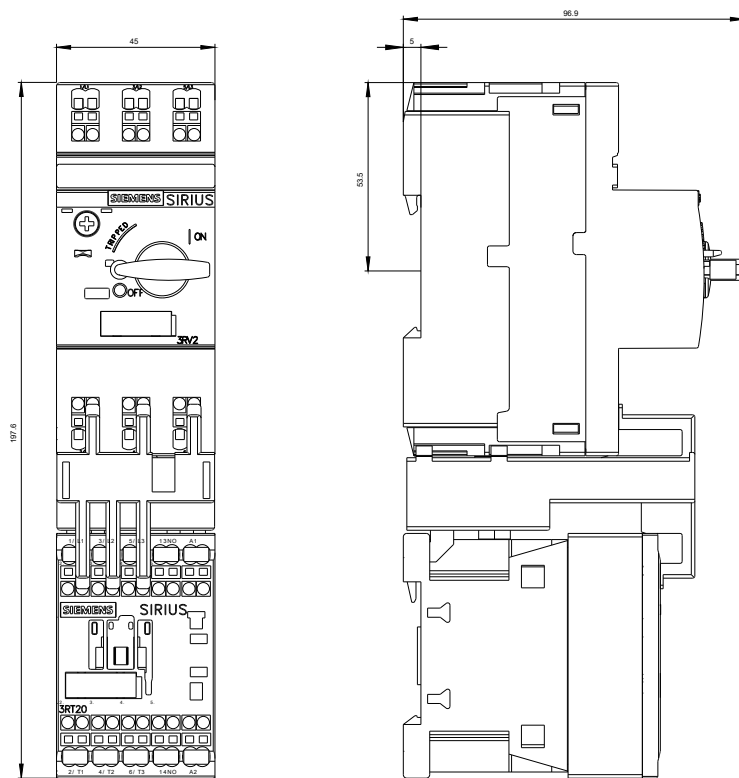
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-0FE15-1AP0>

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

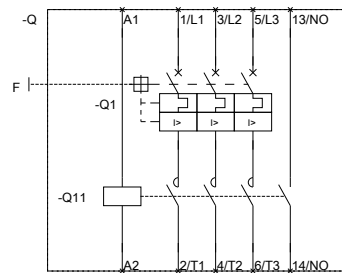
<https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0FE15-1AP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-0FE15-1AP0&lang=en



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DURCHRECHERT FASIDESSZ S00

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