



FUSELESS LOAD FEEDER DIRECT START, 400V AC, SIZE S00, 0.55...0.8A, 4KW, 24 V DC WITH DIODE (INTEGRATED) SCREW TERMINAL FOR MOUNTING ONTO DIN RAIL, TYPE OF COORDINATION 2, IQ = 150KA (ALSO FULFILLS TYPE OF COORDINATION 1) 1NO (CONTACTOR)

Figure similar

product brand name		SIRIUS
Product designation		non-fused load feeders 3RA2
Manufacturer article number		
• of the supplied contactor		3RT2015-1FB41
• of the supplied circuit-breakers		3RV2011-0HA10
• of the supplied link module		3RA1921-1DA00

General technical data:

Insulation voltage		
• with degree of pollution 3 Rated value	V	690
Shock resistance		
• acc. to IEC 60068-2-27		6g / 11 ms
Surge voltage resistance Rated value	kV	6
Type of assignment		2
Protection class IP		
• on the front		IP20

Main circuit:

Number of poles for main current circuit		3
Adjustable response value current of the current-dependent overload release	A	0.55 ... 0.8
Operating voltage		
• Rated value	V	690
• at AC-3 Rated value maximum	V	690
Operating frequency Rated value	Hz	50 ... 60
Operating current		
• at AC-3		

— at 400 V Rated value	A	0.6
Operating power		
• at AC-3		
— at 400 V Rated value	W	180
— at 500 V Rated value	W	180
— at 690 V Rated value	W	250
Control circuit/ Control:		
Control supply voltage for DC		
• Rated value	V	24
Holding power of the magnet coil for DC	W	4
Auxiliary circuit:		
Product expansion Auxiliary switch		Yes
Protective and monitoring functions:		
Trip class		CLASS 10
Design of the overload circuit breaker		thermal (bimetallic)
UL/CSA ratings:		
Full-load current (FLA) for three-phase AC motor		
• at 480 V Rated value	A	0.8
Short-circuit:		
Product function Short circuit protection		Yes
Design of the short-circuit trip		magnetic
Conditional short-circuit current (I_q)		
• at 690 V acc. to IEC 60947-4-1 Rated value	A	100 000
• at 400 V acc. to IEC 60947-4-1 Rated value	A	153 000
• at 500 V acc. to IEC 60947-4-1 Rated value	A	100 000
Installation/ mounting/ dimensions:		
mounting position		vertical
Mounting type		screw and snap-on mounting onto 35 mm standard mounting rail
Height	mm	167.2
Width	mm	45
Depth	mm	97.1
Required spacing		
• for grounded parts		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	20
— at the side	mm	9
— downwards	mm	10
• for live parts		

— forwards	mm	0
— Backwards	mm	0
— upwards	mm	20
— downwards	mm	10
— at the side	mm	9

Connections/ Terminals:

Type of electrical connection

- for main current circuit

screw-type 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

Protection against electrical shock

finger-safe

Mechanical data:

Size of the circuit-breaker

S00

Size of load feeder

S00

Ambient conditions:

Ambient temperature

- during operation
- during storage
- during transport

°C

-20 ... +60

°C

-50 ... +80

°C

-50 ... +80

Certificates/ approvals:

General Product Approval	For use in hazardous locations	Declaration of Conformity	Test Certificates
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CSA



UL



ATEX



EG-Konf.

[Special Test Certificate](#)

Test Certificates	Shipping Approval	other
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[Declaration of the Compliance with the order](#)



ABS



PRS



RINA

[Environmental Confirmations](#)

[Declaration of Conformity](#)

other

[other](#)

Further information

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

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

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

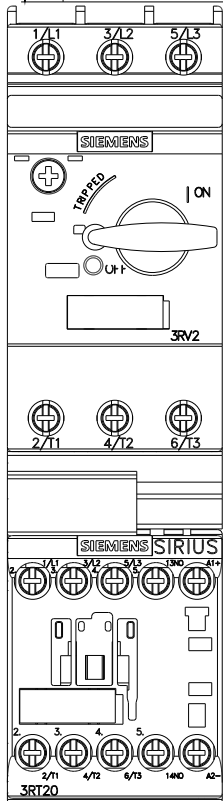
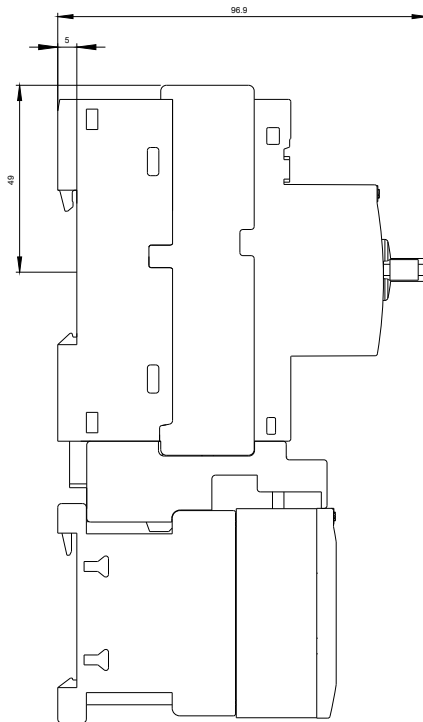
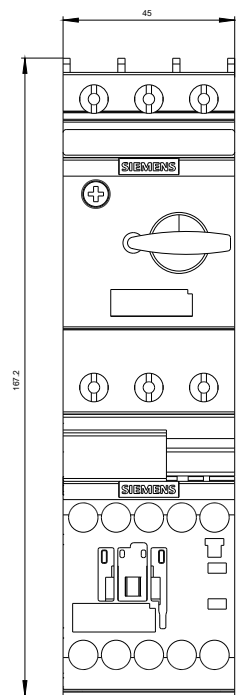
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA21100HA151FB4>

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

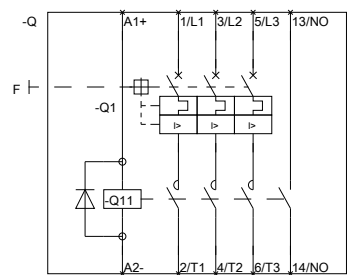
<http://support.automation.siemens.com/WW/view/en/3RA21100HA151FB4/all>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA21100HA151FB4&lang=en



DEREKTANDEHERABZUG, SICHERUNGSL.



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DREI-PHASEN-ABSCHALTUNG S00