



Figure similar

LOAD FEEDER FUSELESS DIRECT START,AC 400V, SZ. S00, 1.8...2.5A, 4KW, 24 V DC SCREW CONNECTION FOR MOUNTING ON STANDARD RAIL, TYPE OF COORDINATION 2,IQ = 150KA (ALSO FULFILLS TYPE OF COORDINATION 1) 1NC (CONTACTOR) 1NO+1NC (CIRCUIT BREAKER, TRANSVERSE) REUSABLE PACKAGING CONTAINS 24 UNITS

product brandname	SIRIUS
Product designation	non-fused load feeders 3RA2
Design of the product	direct starter
Manufacturer's article number	
• of the supplied contactor	3RT2016-1BB42
• of the supplied circuit-breakers	3RV2011-1CA15
• of the supplied link module	3RA1921-1DA00

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	1.8 ... 2.5 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	1.9 A
Operating power	
• at AC-3	
— at 400 V rated value	750 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	2.5 A
Yielded mechanical performance [hp]	
• for three-phase AC motor	
— at 200/208 V rated value	0.5 hp
— at 220/230 V rated value	0.5 hp
— at 460/480 V rated value	1 hp

— at 575/600 V rated value

1.5 hp

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	167.2 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	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 %

Certificates/approvals

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

other	Railway
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[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=3RA2115-1CA16-2BB4-Z X95>

Cax online generator

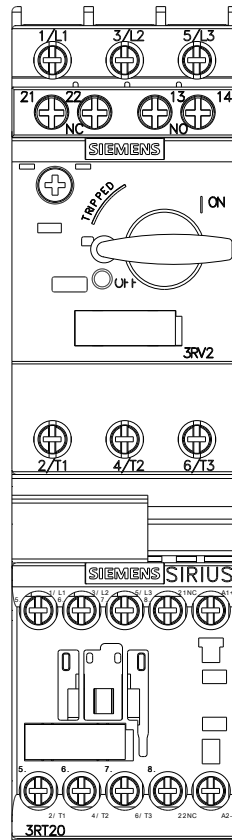
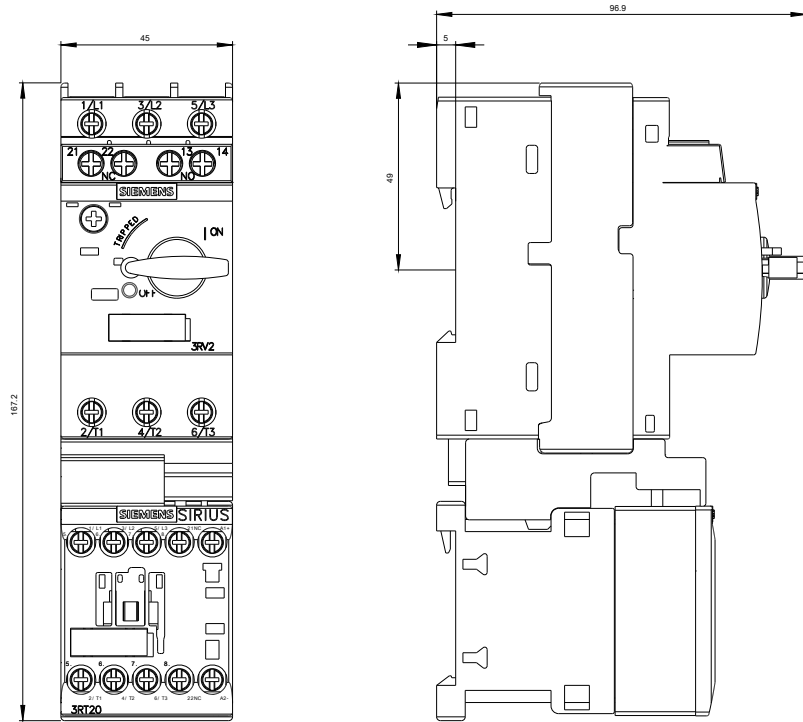
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2115-1CA16-2BB4-Z X95>

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

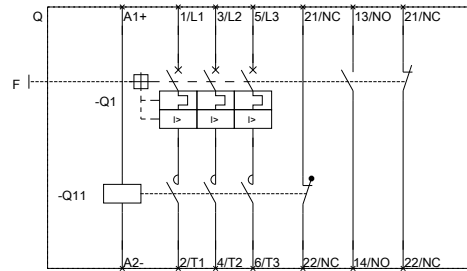
<https://support.industry.siemens.com/cs/ww/en/ps/3RA2115-1CA16-2BB4-Z X95>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2115-1CA16-2BB4-Z X95&lang=en



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