

LOAD FEEDER FUSELESS DIRECT START, AC 400V, SZ. S00, 2.8 ... 4A 24 V DC SCREW CONNECTION FOR MOUNTING ON STANDARD RAIL, TYPE OF COORDINATION 2, IQ = 150KA ALSO FULFILLS TYPE OF COORDINATION 1) 1NC (CONTACTOR) 2NO+2NC PLUGGED ONTO 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 • of the supplied circuit-breakers • of the supplied link module	3RT2016-1BB44 3RV2011-1EA15 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 • during storage • during transport	-20 ... +60 °C -50 ... +80 °C -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	2.8 ... 4 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	3.6 A
Operating power	
• at AC-3	
— at 400 V rated value	1 500 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
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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	4 A
Yielded mechanical performance [hp]	
• for three-phase AC motor	
— at 200/208 V rated value	0.75 hp
— at 220/230 V rated value	1 hp
— at 460/480 V rated value	2 hp
— at 575/600 V rated value	3 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	155.1 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	other
			
	ATEX	IECEX	EG-Konf.

[Umweltbestätigung](#)

[Bestätigungen](#)

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=3RA2115-1EA16-5BB4-Z X95>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2115-1EA16-5BB4-Z X95>

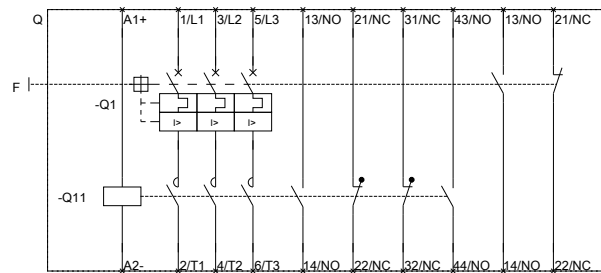
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2115-1EA16-5BB4-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=3RA2115-1EA16-5BB4-Z X95&lang=en

DERBRANDWERKZEUG SIGREBUNGS.



DURCHRECHERT FASIDBSZ S00

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