

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)

Allgemeine technische Daten:		
product brand name		SIRIUS
Product designation		non-fused load feeders 3RA2
Size of the load feeder		S00
Number of poles / for main current circuit		3
Installation altitude / at a height over sea level / maximum	m	2,000
Product function		
• short circuit protection		Yes
• overload protection		Yes
• phase disturbance recognition		Yes
Product component		
• trip indicator		No
• auxiliary switch		Yes
Product extension / auxiliary switch		Yes
Design of display / for switching status		Switch setting
Insulation voltage / with degree of pollution 3 / rated value	V	690
Impulse voltage resistance / rated value	kV	6
Protection class IP		
• on the front		IP20
Protection against electrical shock		finger-safe
Shock resistance / according to IEC 60068-2-27		6g / 11 ms
maximum permissible voltage for safe isolation in networks with non-grounded star point		
Ambient temperature		
• during transport	°C	-50 ... +80
• during storage		-50 ... 80
• during operating		-20 ... 60
Manufacturer article number		

- of the circuit-breakers included in the scope of supply
- of the contactor included in the scope of supply
- of the RS applied assembly kit
- of the link module included in the scope of supply
- of the busbar adapter included in the scope of supply
- of the RH applied assembly kit

[3RV2011-1EA15](#)

[3RT2016-1BB44](#)

[3RA1921-1DA00](#)

Hauptstromkreis:

Operating current / rated value	A	16
Mechanical operating cycles as operating time / of the auxiliary contacts / typical		30,000,000
Derating factor for rated value of the operational current		
Operating voltage / rated value	V	690
Voltage type / for main circuit		AC
Frequency		-
Service power / at AC-3 • at 400 V / rated value • at 500 V rated value • at 690 V rated value	W	1,500 2,200 3,000
Operating current / at AC-3 / at 400 V / rated value	A	3.6
Type of assignment		2

Steuerstromkreis/ Ansteuerung:

Voltage type / for auxiliary and control circuit		DC
Holding power / of the solenoid / for DC	W	4

Hilfsstromkreis:

Design of the auxiliary switch		transverse
Number of NC contacts / for auxiliary contacts		3
Number of NO contacts / for auxiliary contacts		3
Number of changeover contacts / for auxiliary contacts		0

Schutz-/Überwachungsfunktion:

Design of the overload circuit breaker		thermal (bimetallic)
Trip class		CLASS 10
Adjustable response current / of the current-dependent overload release	A	2.8 ... 4
Design of the short-circuit trip		magnetic
Conditional short-circuit current (I _q) • at 400 V / according to IEC 60947-4-1 / rated value • at 690 V according to IEC 60947-4-1 rated value	A	153,000 -
Varification of suitability / ATEX		Yes

Sicherheitsrelevante Kenngrößen:**Proportion of dangerous failures**

- with high demand rate / according to SN 31920

%

73

B10 value / with high demand rate / according to SN 31920

1,000,000

Einbau/ Befestigung/ Abmessungen:**Mounting type**

screw and snap-on mounting onto 35 mm standard mounting rail

mounting position

vertical

Depth

mm

155.1

Height

mm

167.2

Width

mm

45

Distance, to be maintained, to the ranks assembly

- upwards
- forwards
- sideways
- backwards
- downwards

mm

20

mm

0

0

0

30

Anschlüsse/ Klemmen:**Arrangement of electrical connectors / for main current circuit**

from the top

Design of the electrical connection

- for main current circuit
- for auxiliary and control current circuit

screw-type terminals

screw-type terminals

Type of the connectable conductor cross-section for main contacts

- solid or multi-stranded
- finely stranded
- with conductor end processing

2x (0,75 ... 2,5 mm²), 2x 4 mm²2x (0.5 ... 2.5 mm²)**Type of connectable conductor cross-sections for auxiliary contacts**

- solid or multi-stranded
- finely stranded
- with conductor end processing

2x (0,5 ... 1,5 mm²), 2x (0,75 ... 2,5 mm²)2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)**Type of the connectable conductor cross-section / for AWG conductors**

- for main contacts
- for auxiliary contacts

2x (18 ... 14), 2x 12

2x (20 ... 16), 2x (18 ... 14)

Tightening torque / for main contacts

- with screw-type terminals

N·m

0.8 ... 1.2

Design of the thread of the connection screw for main contacts

M3	M3	
Tightening torque / for auxiliary contacts • with screw-type terminals	N·m	0.8 ... 1.2
Design of the thread of the connection screw of the auxiliary and control pins		
M3	M3	
Dimension de la tête de tournevis		Pozidriv 2

UL/CSA Bemessungsdaten:

yielded mechanical performance [hp] / for three-phase squirrel cage motors

- at 200/208 V / rated value
- at 220/230 V / rated value
- at 460/480 V rated value
- at 575/600 V rated value

hp	0.75
hp	1
	2
	3

Full-load current (FLA) / for 3-phase motor

- at 480 V / rated value

A	4
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Approbationen/ Zertifikate:

General Product Approval

For use in hazardous locations

Declaration of Conformity

other



[other](#)

[Environmental Confirmations](#)

Weitere Informationen:

Information- and Downloadcenter (Kataloge, Broschüren,...)

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

Industry Mall (Online-Bestellsystem)

<http://www.siemens.de/industrial-controls/mall>

CAX-Online-Generator

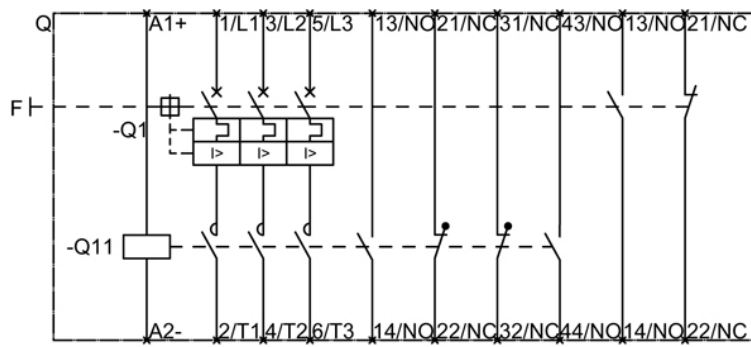
<http://www.siemens.com/cax>

Service&Support (Handbücher, Betriebsanleitungen, Zertifikate, Kennlinien, FAQs,...)

<http://support.automation.siemens.com/WW/view/de/3RA2115-1EA16-5BB4/all>

Bilddatenbank (Produktfotos, 2D-Maßzeichnungen, 3D-Modelle, Geräteschaltpläne, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2115-1EA16-5BB4



letzte Änderung:

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