

LOAD FEEDER FUSELESS DIRECT START, AC 400V, SZ S00 11...16A, DC 24V SCREW CONNECTION FOR RAIL-MOUNTING, TYPE OF COORDINATION 1, IQ = 150KA 1NO (CONTACTOR) 1NO+1NC (CIRCUIT BREAKER)

Allgemeine technische Daten:			
product brand name		SIRIUS	
Product designation		non-fused load feeders 3RA2	
Size of the load feeder		S0	
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		<u>3RV2011-4AA15</u>
• of the contactor included in the scope of supply		<u>3RT2017-1BB41</u>
• of the RS applied assembly kit		
• of the link module included in the scope of supply		3RA2921-1AA00
 of the busbar adapter included in the scope of supply 		
• of the RH applied assembly kit		
Hauptstromkreis:		
Operating current / rated value	Α	32
Mechanical operating cycles as operating time / of the auxiliary contacts / typical		10,000,000
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	W	7,500
• at 500 V rated value		7,500
• at 690 V rated value		11,000
Operating current / at AC-3 / at 400 V / rated value	Α	15.5
Type of assignement		2
Steuerstromkreis/ Ansteuerung:		
Voltage type / for auxiliary and control circuit		DC
Holding power / of the solenoid / for DC	W	5.9
Hilfsstromkreis:		
Design of the auxiliary switch		transverse
Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		2
Number of changeover contacts / for auxiliary contacts		0
Schutz-/Überwachungsfunktion:		
Design of the overload circuit breaker		thermal (bimetallic)

	CLASS 10
А	11 16
	magnetic
Α	153,000
	-
	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	97.1	
Height	mm	193.1	
Width	mm	45	
Distance, to be maintained, to the ranks assembly			
• upwards	mm	30	
• forwards	mm	10	
• sidewards		0	
• backwards		0	
• downwards		30	

Anschlüsse/ Klemmen:	
Arrangement of electrical connectors / for main current circuit	from the top
Design of the electrical connection	
for main current circuit	screw-type terminals
for auxiliary and control current circuit	screw-type terminals
Type of the connectable conductor cross-section for main contacts	
• solid or multi-stranded	2x (1 2,5 mm²), 2x (2,5 10 mm²)
• finely stranded	
with conductor end processing	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
Type of connectable conductor cross-sections for auxiliary contacts	
• solid or multi-stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²)
• finely stranded	

 with conductor end processing 		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		2x (16 12), 2x (14 8)
• for auxiliary contacts		2x (20 16), 2x (18 14)
Tightening torque / for main contacts		
with screw-type terminals	N∙m	2 2.5
Design of the thread of the connection screw for main contacts		
M4	M4	
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:		

UL/CSA Bemessungsdaten:			
yielded mechanical performance [hp] / for three-phase squirrel cage motors			
• at 220/230 V / rated value	hp	5	
• at 460/480 V rated value		10	
• at 575/600 V rated value		10	
Full-load current (FLA) / for 3-phase motor			
• at 480 V / rated value	Α	14	

Approbationen/ Zertifikate:

General Produc	t Approval		For use in hazardous locations	Declaration of Conformity	Test Certificates
SP CSA	EHC	UL	(Ex	EG-Konf.	Type Test Certificates/Test Report
Shipping Appro	val				











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

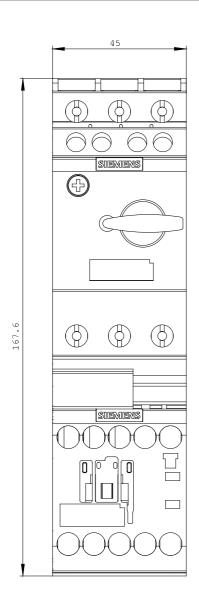
http://www.siemens.com/cax

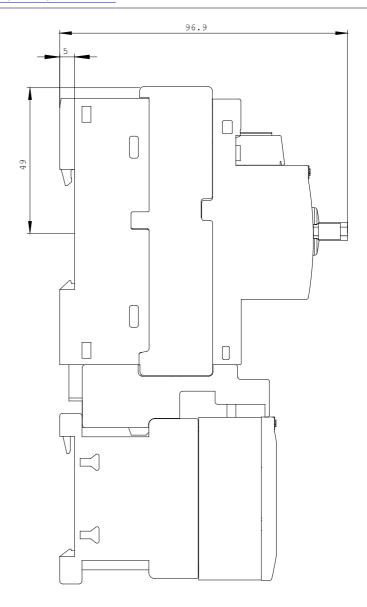
Service&Support (Handbücher, Betriebsanleitungen, Zertifikate, Kennlinien, FAQs,...)

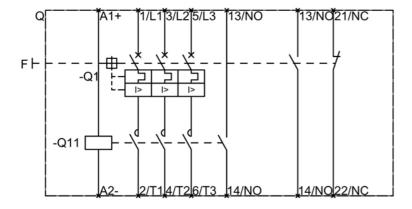
http://support.automation.siemens.com/WW/view/de/3RA2125-4AA17-1BB4/all

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2125-4AA17-1BB4







letzte Änderung:

Jul 28, 2014