

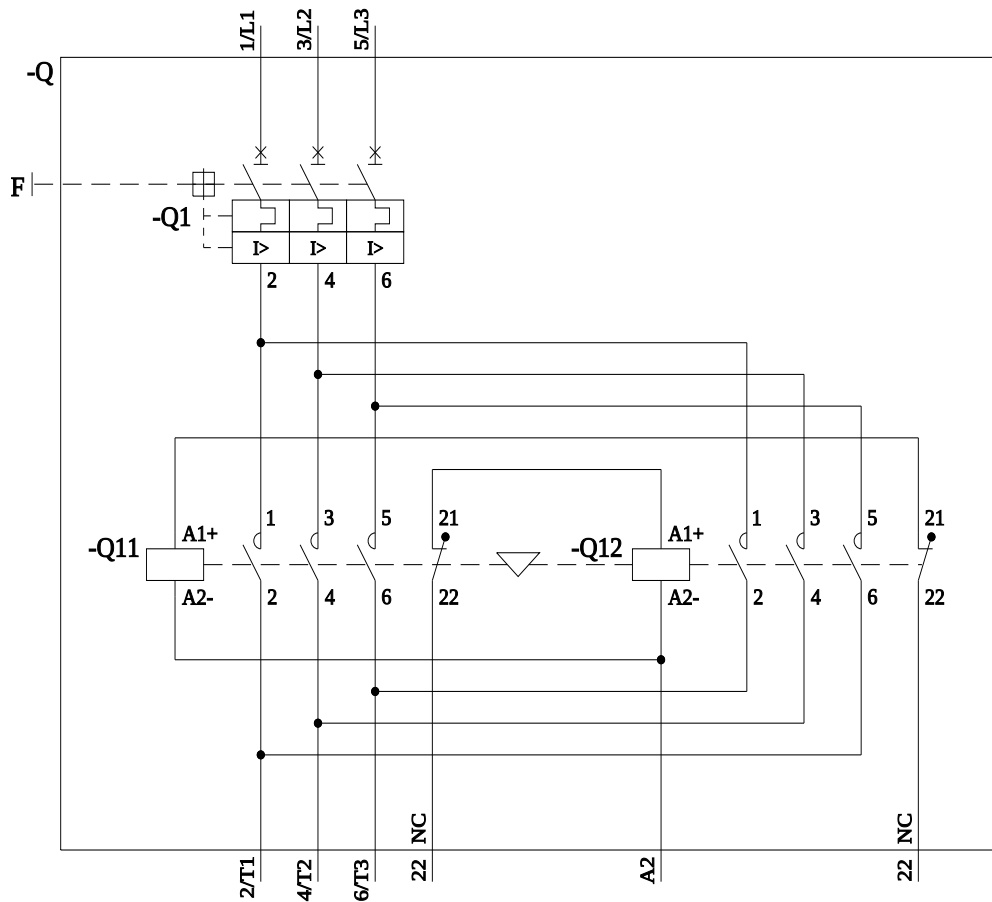
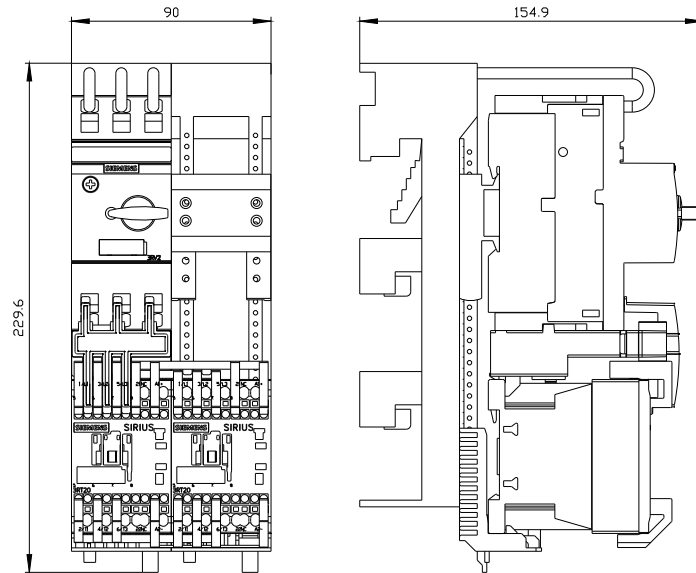


Load feeder fuseless, Reversing duty 400 V AC, Size S00 0.70...1.00 A 24 V DC
Spring-type terminal for 60 mm busbar systems (also fulfills type of coordination 1)
Type of coordination 2, I_q = 150 kA 1 NC (contactor) Adapter length 200 mm

product brand name	SIRIUS
product designation	Reversing starter
design of the product	for 60 mm busbars
product type designation	3RA22
manufacturer's article number	
• of the supplied contactor	3RT2015-2BB42
• of the supplied circuit-breakers	3RV2011-0JA20
• of the supplied RS assembly kit	8US1250-5AS10
• of the supplied busbar adapter	8US1251-5DS11
• of the supplied link module	3RA2911-2AA00
• of the supplied wiring kit	3RA2913-2AA2
General technical data	
size of the circuit-breaker	S00
size of load feeder	S00
power loss [W] for rated value of the current	
• at AC in hot operating state per pole	2.6 W
• without load current share typical	4 W
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
degree of protection NEMA rating	other
shock resistance according to IEC 60068-2-27	6g / 11 ms
mechanical service life (operating cycles) of contactor typical	30 000 000
type of coordination	2
reference code according to IEC 81346-2:2019	Q
Substance Prohibitance (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1
Weight	1.93 kg
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 ... 95 %
Main circuit	
number of poles for main current circuit	3
design of the switching contact	electromechanical
adjustable current response value current of the current-dependent overload release	0.7 ... 1 A
operating voltage	

• rated value • at AC-3 rated value maximum • at AC-3e rated value maximum	690 V 690 V 690 V
operating frequency rated value	50 ... 60 Hz
operational current	
• at AC-3 at 400 V rated value • at AC-3e at 400 V rated value	1 A 1 A
operating power	
• at AC-3 — at 400 V rated value • at AC-3e — at 400 V rated value	250 W 250 W
Control circuit/ Control	
type of voltage of the control supply voltage	DC
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)
response value current of instantaneous short-circuit trip unit	13 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value • at 600 V rated value	1 A 1 A
yielded mechanical performance [hp]	
• for 3-phase AC motor — at 460/480 V rated value — at 575/600 V rated value	0.5 hp 0.5 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 according to IEC 60947-4-1 rated value	150 000 A
Installation/ mounting/ dimensions	
mounting position	vertical
fastening method	for snapping onto 60 mm busbar systems
height	230 mm
width	90 mm
depth	155 mm
required spacing	
• for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — downwards — at the side	32 mm 0 mm 50 mm 10 mm 10 mm 32 mm 0 mm 50 mm 10 mm 10 mm
Connections/ Terminals	
type of electrical connection	
• for main current circuit • for auxiliary and control circuit	spring-loaded terminals spring-loaded terminals
Safety related data	
product function suitable for safety function	Yes

Electrical Safety			
touch protection on the front according to IEC 60529		finger-safe, for vertical contact from the front	
Communication/ Protocol			
protocol is supported			
• PROFINET IO protocol		No	
• PROFIsafe protocol		No	
protocol is supported AS-Interface protocol		No	
Approvals Certificates			
General Product Approval		For use in hazardous locations	Test Certificates
 EG-Konf.   UL   ATEX Type Test Certificates/Test Report			
Test Certificates	Maritime application		
Special Test Certificate	 ABS  BUREAU VERITAS  DNV  LRS  PRS		
Maritime application	other	Dangerous goods	Environment
 RINA  RMRS  Confirmation Transport Information Environmental Confirmations			
Further information			
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2210-0JS15-2BB4 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2210-0JS15-2BB4 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0JS15-2BB4 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2210-0JS15-2BB4&lang=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0JS15-2BB4/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-0JS15-2BB4&objecttype=14&gridview=view1			



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