3RA2110-0GA15-1AK6

Data sheet



FUSELESS LOAD FEEDER DIRECT START, AC 400V, SZ. S00 0.45...0.63A,AC110/120V 50/60HZ SCREW TERMINAL FOR RAIL MOUNTING, TYPE OF ASSIGNMENT 2,IQ = 150KA (ALSO FULFILLS TYPE OF ASSIGNMENT 1) 1NO (CONTACTOR)

product brand name	SIRIUS		
product designation	non-fused load feeders 3RA2		
design of the product	direct starter		
manufacturer's article number			
 of the supplied contactor 	3RT2015-1AK61		
 of the supplied circuit-breakers 	3RV2011-0GA10		
 of the supplied link module 	3RA1921-1DA00		
General technical data			
size of the circuit-breaker	S00		
size of load feeder	S00		
product extension auxiliary switch	Yes		
insulation voltage with degree of pollution 3 at AC rated value	690 V		
degree of pollution	3		
surge voltage resistance rated value	6 kV		
shock resistance according to IEC 60068-2-27	6g / 11 ms		
mechanical service life (operating cycles) of contactor typical	30 000 000		
type of assignment	2		
Substance Prohibitance (Date)	10/01/2009		
Ambient conditions			
ambient temperature			
during operation	-20 +60 °C		
during storage	-50 +80 °C		
during transport	-50 +80 °C		
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	0.45 0.63 A		
operating voltage			
rated value	690 V		
at AC-3 rated value maximum	690 V		
operating frequency rated value	50 60 Hz		
operational current at AC-3 at 400 V rated value	0.6 A		
operating power at AC-3			
• at 400 V rated value	180 W		
• at 500 V rated value	180 W		
at 690 V rated value	250 W		
Control circuit/ Control			
control supply voltage at AC			
• at 50 Hz rated value	110 V		

General Product Approval		ous locations	Declaration of Conformity		
		For use in hazard-	Parlamina of Orafo ii		
touch protection on the front according to IEC 60529 Certificates/ approvals	finger-safe, for vertical contact from the front				
protection class IP on the front according to IEC 60529		IP20			
according to SN 31920					
B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate	73 %	1 000 000			
Bafety related data R10 value with high demand rate according to SN 31020	1,000	000			
connectable conductor cross-section for main contacts finely stranded with core end processing	0.5	0.5 2.5 mm²			
type of connectable conductor cross-sections for main contacts stranded		0.5 4 mm², 2x (0.75 2.5 mm²)			
type of electrical connection for main current circuit		screw-type terminals			
Connections/ Terminals					
— at the side	9 mm	9 mm			
— downwards	10 mm				
— upwards	20 mm				
— backwards	0 mm				
— forwards	0 mm				
• for live parts					
— downwards	10 mm				
— at the side	9 mm				
— upwards	20 mm				
— backwards	0 mm				
— forwards	0 mm	0 mm			
for grounded parts					
depth required spacing	97.11	97.1 mm			
width	45 mm				
height	167.2 mm				
fastening method		screw and snap-on mounting onto 35 mm DIN rail			
mounting position	vertical				
nstallation/ mounting/ dimensions					
at 500 V according to IEC 60947-4-1 rated value	100 0	00 A			
• at 400 V according to IEC 60947-4-1 rated value	153 0	00 A			
• at 690 V according to IEC 60947-4-1 rated value	100 0	100 000 A			
conditional short-circuit current (Iq)					
design of the short-circuit trip	magnetic				
product function short circuit protection	Yes				
Short-circuit protection	0.1074				
response value current of instantaneous short-circuit trip unit	thermal (bimetallic) 8.19 A				
design of the overload release	CLASS 10				
Protective and monitoring functions	01.40				
apparent holding power of magnet coil at AC	4.2 V	4.2 VA			
at 60 Hz rated value		120 V			

Confirmation











Test Certificates Marine / Shipping

Type Test Certificates/Test Report

Special Test Certificate









Marine / Shipping other Railway







Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RA2110-0GA15-1AK6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-0GA15-1AK6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0GA15-1AK6

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

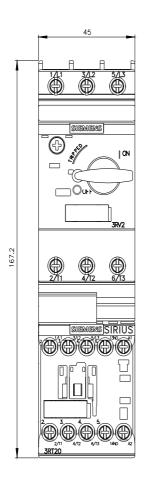
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-0GA15-1AK6&lang=en

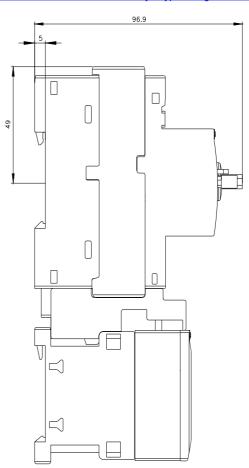
Characteristic: Tripping characteristics, I2t, Let-through current

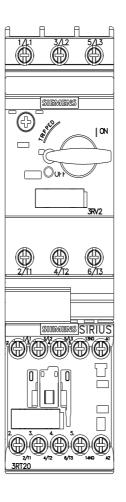
https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0GA15-1AK6/char

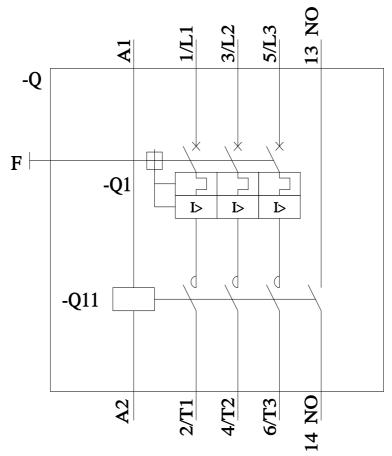
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-0GA15-1AK6&objecttype=14&gridview=view1









last modified: 11/21/2022 🖸