SIEMENS

Data sheet

3RA2110-0JH15-1BB4



Load feeder fuseless, Direct-on-line starting 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, lq = 150 kA 1 NO (contactor)

product design of the product design of the product product type designation annufacturer's article number of the supplied contactor of the supplied contactor of the supplied circuit-breakers of the supplied link module and the supplied link module size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of toad feeder surge voltage resistance acc. to IEC 600088-2-27 mechanical service life (switching cycles) of contactor typical type of assignment type of assignment type of assignment type of protection according to ATEX directive 2014/34/EU Substance Prohibitance (Date) Ambient temperature during operation ambient temperature during operation ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during peration ambient temperature during peration ambient temperature during peration ambient temperature during peration ambient temperature during storage ambient temperature during	product brand name	SIRIUS		
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number of poles for main current circuit design of the switching contact adjustable current response value current of the 0.7 1 A	relative humidity during operation	10 95 %		
design of the switching contact electromechanical adjustable current response value current of the 0.7 1 A	Main circuit			
adjustable current response value current of the 0.7 1 A	number of poles for main current circuit	3		
	design of the switching contact	electromechanical		
		0.7 1 A		
 operating voltage rated value 690 V 	operating voltage rated value	690 V		
operating voltage at AC-3 rated value maximum 690 V	 operating voltage at AC-3 rated value maximum 	690 V		
operating frequency rated value 50 60 Hz	operating frequency rated value	50 60 Hz		

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operational current at AC-3 at 400 V rated value	0.85	0.85 A			
operating power at AC-3					
at 400 V rated value	250 V	250 W			
Control circuit/ Control					
type of voltage of the control supply voltage	DC				
control supply voltage at DC					
rated value	24 V	24 V			
holding power of magnet coil at DC	4 W	4 W			
Auxiliary circuit					
product extension auxiliary switch	Yes				
Protective and monitoring functions					
trip class	CLAS	S 10			
design of the overload release	therm	al (bimetallic)			
UL/CSA ratings					
full-load current (FLA) for 3-phase AC motor					
at 480 V rated value	1 A				
yielded mechanical performance [hp]					
• for 3-phase AC motor					
— at 575/600 V rated value	0.5 h)			
Short-circuit protection					
product function short circuit protection	Yes				
design of the short-circuit trip	magr	magnetic			
conditional short-circuit current (Iq)					
 at 400 V acc. to IEC 60947-4-1 rated value 	150 0	150 000 A			
Installation/ mounting/ dimensions					
mounting position	vertic	 al			
fastening method	for sn	apping onto 60 mm bu	sbar systems		
height	260 n	nm			
width	45 m	45 mm			
depth	155 n	155 mm			
required spacing					
 for grounded parts 					
— forwards	20 m	20 mm			
— backwards	0 mm	0 mm			
— upwards	50 m	50 mm			
— at the side	20 m	20 mm			
— downwards	10 m	10 mm			
 for live parts 					
— forwards	20 m	20 mm			
— backwards	0 mm	0 mm			
— upwards	50 m	50 mm			
— downwards	10 m	10 mm			
— at the side	20 m	20 mm			
Connections/ Terminals					
type of electrical connection					
 for main current circuit 	spring	spring-loaded 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 %	73 %			
touch protection on the front acc. to IEC 60529	finge	finger-safe, for vertical contact from the front			
Certificates/ approvals					
General Product Approval		For use in hazardous locations	Declaration of Conformity		













Test Certificates

Marine / Shipping

Type Test
Certificates/Test
Report

Special Test Certificate









Marine / Shipping

other

Railway







Confirmation

Vibration and Shock

Further information

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=3RA2110-0JH15-1BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-0JH15-1BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0JH15-1BB4

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

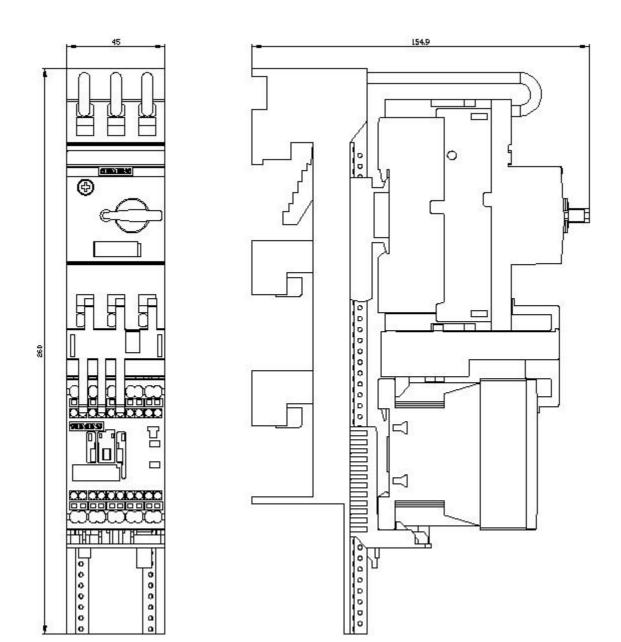
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2110-0JH15-1BB4&lang=en

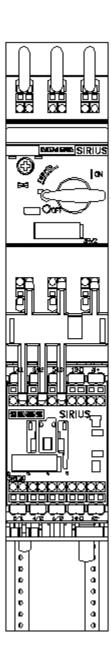
Characteristic: Tripping characteristics, I2t, Let-through current

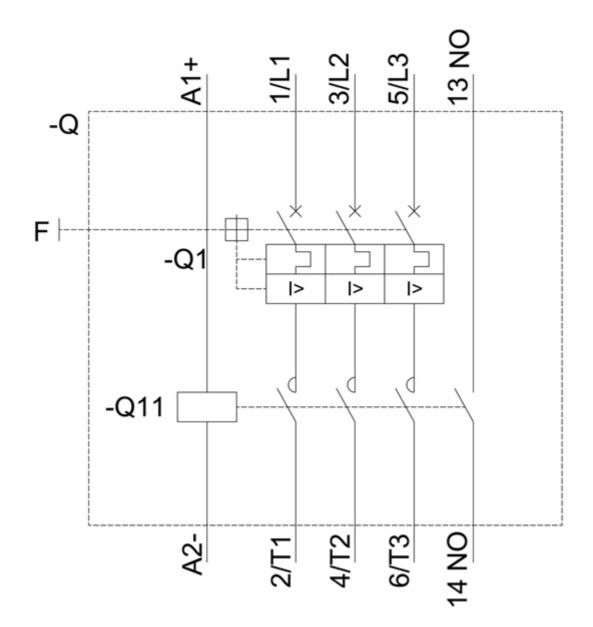
https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-0JH15-1BB4/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2110-0JH15-1BB4&objecttype=14&gridview=view1







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