3RA2120-4BE26-0AP0

Data sheet



Load feeder fuseless, Direct-on-line starting 400 V AC, Size S0 13...20 A 230 V AC Spring-type terminal for installation on standard mounting rail Type of coordination 1, Iq = 150 kA 1 NO+1 NC (contactor)

product designation design of the product for standard rail or screw mounting product type designation spread type designation spread type designation spread type designation of the supplied contactor of the supplied cloud-breakers of the supplied cloud-breakers of the supplied dink module spread technical data size of the circuit-breaker size of the circuit-break	product brand name	SIRIUS		
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design of the switching contact adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum electromechanical 13 20 A 690 V	Main circuit			
adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V	number of poles for main current circuit	3		
dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V	design of the switching contact	electromechanical		
 rated value at AC-3 rated value maximum 690 V 690 V 		13 20 A		
at AC-3 rated value maximum 690 V	operating voltage			
	• rated value	690 V		
• at AC-3e rated value maximum 690 V	• at AC-3 rated value maximum	690 V		
	 at AC-3e rated value maximum 	690 V		

operating frequency rated value	50 60 Hz
operational current	
 at AC-3 at 400 V rated value 	20 A
at AC-3e at 400 V rated value	20 A
operating power	
• at AC-3	
— at 400 V rated value	7 500 W
• at AC-3e	
— at 400 V rated value	7 500 kW
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	230 V
at 50 Hz rated value	230 230 V
apparent holding power of magnet coil at AC	9.8 VA
● at 50 Hz	9.8 VA
inductive power factor with the holding power of the coil	0.25
• at 50 Hz	0.25
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	260 A
UL/CSA ratings	200 A
full-load current (FLA) for 3-phase AC motor	00.4
• at 480 V rated value	20 A
• at 600 V rated value	20 A
yielded mechanical performance [hp]	
for single-phase AC motor	
— at 110/120 V rated value	1.5 hp
— at 230 V rated value	3 hp
 for 3-phase AC motor 	
— at 200/208 V rated value	5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	15 hp
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (Iq)	
 at 400 V according to IEC 60947-4-1 rated value 	150 000 A
Installation/ mounting/ dimensions	
mounting position	vertical
fastening method	screw and snap-on mounting onto 35 mm DIN rail
height	243 mm
width	45 mm
depth	107 mm
required spacing	
for grounded parts	
— forwards	20 mm
— backwards	0 mm
— upwards	50 mm
— at the side	20 mm
— at the side — downwards	10 mm
for live parts	IV IIIII
forwards	20 mm
— backwards	0 mm
— upwards	50 mm
— downwards	10 mm
— at the side	20 mm

Connections/ Terminals					
type of electrical connection					
 for main current circuit 	spring	spring-loaded terminals			
 for auxiliary and control circuit 	spring	g-loaded terminals			
Safety related data					
B10 value with high demand rate according to SN 31920	1 000	1 000 000			
proportion of dangerous failures					
 with high demand rate according to SN 31920 	73 %	73 %			
touch protection on the front according to IEC 60529	finge	finger-safe, for vertical contact from the front			
Communication/ Protocol					
protocol is supported					
 PROFINET IO protocol 	No	No			
PROFIsafe protocol	No	No			
protocol is supported AS-Interface protocol	No	No			
Certificates/ approvals					
General Product Approval		For use in hazard-	Declaration of Conformity		

Confirmation







ous locations





Test Certificates

Marine / Shipping

Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>









Marine / Shipping





Confirmation

other

Vibration and Shock

Railway

Environmental Confirmations

Environment

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=3RA2120-4BE26-0AP0

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RA2120-4BE26-0AP0}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-4BE26-0AP0

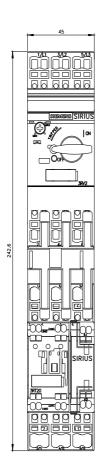
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

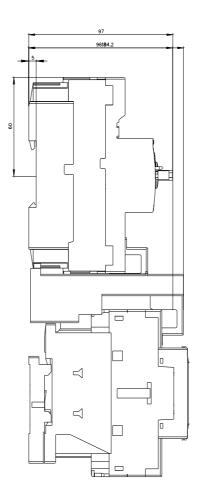
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2120-4BE26-0AP0&lang=en

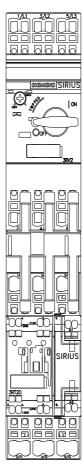
Characteristic: Tripping characteristics, I2t, Let-through current

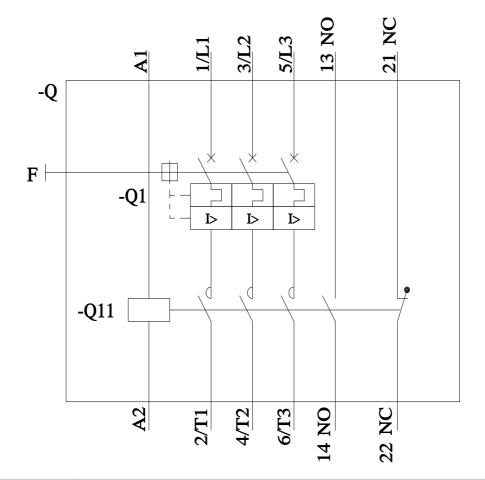
https://support.industry.siemens.com/cs/ww/en/ps/3RA2120-4BE26-0AP0/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2120-4BE26-0AP0&objecttype=14&gridview=view1









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