SIEMENS

Data sheet

3RA2120-1JD24-0AP0



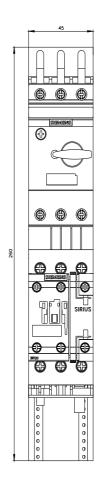
Load feeder fuseless, Direct-on-line starting 400 V AC, Size S0 7.00...10.0 A 230 V AC screw terminal for 60 mm busbar systems (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NO+1 NC (contactor)

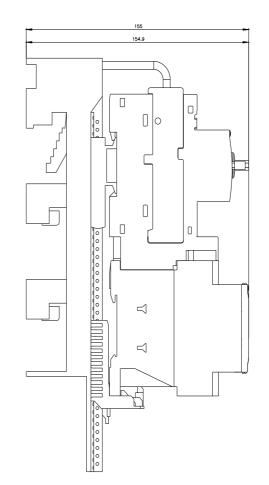
SIRIUS				
Direct (on-line) starter				
for 60 mm busbars				
3RA21				
<u>3RT2024-1AP00</u>				
<u>3RV2011-1JA10</u>				
<u>8US1251-5NT10</u>				
<u>3RA2921-1AA00</u>				
S00				
SO				
3.4 W				
7.6 W				
690 V				
6 kV				
other				
6g / 11 ms				
10 000 000				
2				
Ex II (2) GD				
DMT 02 ATEX F 001				
Q				
10/01/2009				
-20 +60 °C				
-50 +80 °C				
-50 +80 °C				
-20 +60 °C				
10 95 %				
3				
electromechanical				
7 10 A				
690 V				
690 V				

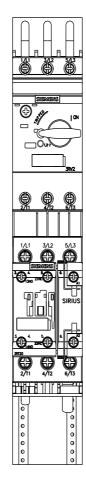
• at AC-3e rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current	
at AC-3 at 400 V rated value	10 A
• at AC-3e at 400 V rated value	10 A
operating power	
• at AC-3	
— at 400 V rated value	4 000 W
• at AC-3e	
— at 400 V rated value	4 000 kW
Control circuit/ Control	
type 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	7.6 VA
● at 50 Hz	7.6 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	130 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	10 A
• at 600 V rated value	10 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	0.5 hp
— at 230 V rated value	1.5 hp
 for 3-phase AC motor 	
— at 200/208 V rated value	3 hp
— at 220/230 V rated value	3 hp
— at 460/480 V rated value	7.5 hp
— at 575/600 V rated value	10 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	for snapping onto 60 mm busbar systems
height	260 mm
width	45 mm
depth	155 mm
required spacing	
for grounded parts forwards	20 mm
— forwards	20 mm 0 mm
— backwards	
— upwards	50 mm 20 mm
— at the side — downwards	20 mm 10 mm
for live parts	
for live parts — forwards	20 mm
— lorwards — backwards	0 mm
— upwards	50 mm
— upwaius	JUTIII

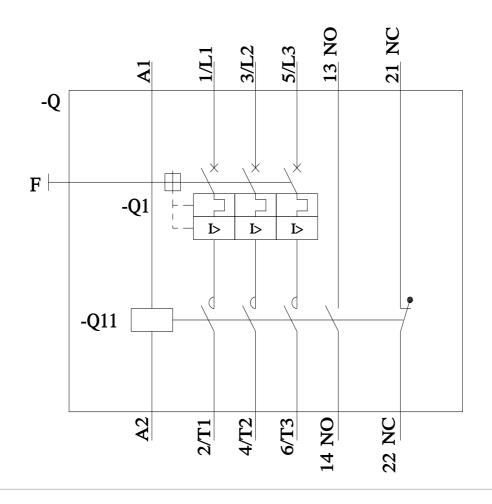
		10 mr	~		
 downwards at the side 		10 mr 20 mr			
Connections/ Terminals	_	20 mi	Π		
		-			
type of electrical connection		oorou	tupo torminalo		
for main current circuit		screw-type terminals screw-type terminals			
for auxiliary and control circuit		screw	-type terminais		
Safety related data				_	_
B10 value with high demand rate according to SN 31	920	1 000	000		
proportion of dangerous failures		70.0/			
• with high demand rate according to SN 31920		73 %		C 11 C 1	
touch protection on the front according to IEC 60	1529	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			
Certificates/ approvals					
General Product Approval			For use in hazard- ous locations	Declaration of Confor	mity
	EAC		K ATEX	UK CA	CE EG-Konf.
Test Certificates N Type Test Certific- ates/Test Report Special Test Certific- ate	Marine / Shippin	ng		Hoyds	6
Marine / Shipping	ABS		BUREAU VERITAS	LRS	PRS
Marine / Shipping			other	Kaliway	Environment
	Annone and		Confirmation	Vibration and Shock	Environmental Con-
RINA RMRS	DIVISION				firmations
Further information					Tirmations
Further information Siemens has decided to exit the Russian market	Denval.com				TIRMAtions
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Siemens has decided to exit the Russian market https://press.siemens.com/global/en/pressrelease/sie Siemens is working on the renewal of the current Please contact your local Siemens office on the statu EAC relevant market (other than the sanctioned EAE Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/ Information- and Downloadcenter (Catalogs, Broo https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/Catalog Cax online generator http://support.automation.siemens.com/WW/CAXord/ Service&Support (Manuals, Certificates, Characte https://support.industry.siemens.com/cs/ww/en/ps/3F Image database (product images, 2D dimension of	(see here). emens-wind-dox t EAC certificat us of validity of t EU member stat (109813875 chures,) g/product?mlfb= ter/default.aspx? eristics, FAQs, RA2120-1JD24- drawings, 3D m	tes. the EAC es Rus: 3RA21 ?lang=e) 0AP0 nodels,	C certification if you inten- sia or Belarus). 20-1JD24-0AP0 en&mlfb=3RA2120-1JD24 , device circuit diagram	<u>4-0AP0</u>	
Siemens has decided to exit the Russian market https://press.siemens.com/global/en/pressrelease/sie Siemens is working on the renewal of the current Please contact your local Siemens office on the statu EAC relevant market (other than the sanctioned EAE Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/ Information- and Downloadcenter (Catalogs, Broo https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog Cax online generator http://support.automation.siemens.com/WW/CAXordd Service&Support (Manuals, Certificates, Characte https://support.industry.siemens.com/cs/ww/en/ps/3E	(see here). emens-wind-dox t EAC certificat us of validity of t EU member stat (109813875 chures,) a/product?mlfb= ter/default.aspx? eristics, FAQs, RA2120-1JD24- drawings, 3D n aspx?mlfb=3RA3 prough current	tes. the EAC es Rus: 3RA21 ?lang=e) 0AP0 nodels, 2120-1.	C certification if you inten- sia or Belarus). 20-1JD24-0AP0 en&mlfb=3RA2120-1JD24 device circuit diagram JD24-0AP0⟨=en	<u>4-0AP0</u>	

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2120-1JD24-0AP0&objecttype=14&gridview=view1









last modified:

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