SIEMENS

Data sheet

3RA2120-4DH27-0BB4

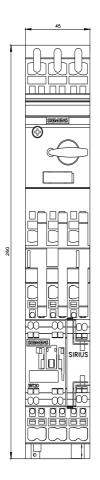


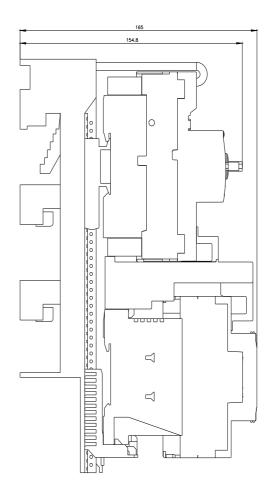
Load feeder fuseless, Direct-on-line starting 400 V AC, Size S0 18...25 A 24 V DC Spring-type terminal for 60 mm busbar systems (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NO+1 NC (contactor)

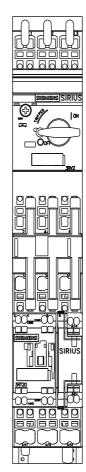
SIRIUS
Direct (on-line) starter
for 60 mm busbars
3RA21
<u>3RT2027-2BB40</u>
<u>3RV2021-4DA20</u>
8US1251-5NT11
<u>3RA2921-2AA00</u>
S0
S0
5.8 W
5.9 W
690 V
6 kV
other
6g / 11 ms
10 000 000
2
Ex II (2) GD
DMT 02 ATEX F 001
Q
10/01/2009
-20 +60 °C
-50 +80 °C
-50 +80 °C
-20 +60 °C
10 95 %
3
electromechanical
18 25 A
690 V
690 V

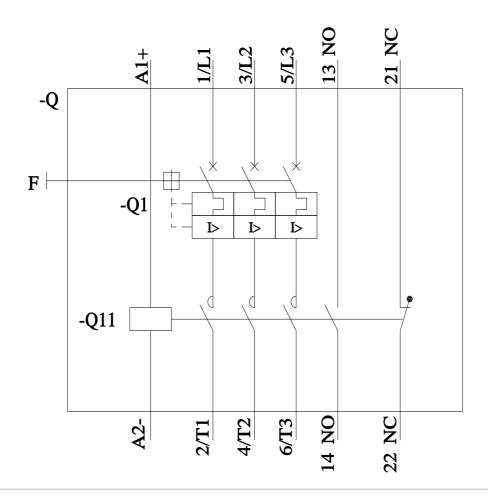
at AC-3e rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current	
 at AC-3 at 400 V rated value 	25 A
 at AC-3e at 400 V rated value 	25 A
operating power	
• at AC-3	
— at 400 V rated value	11 000 W
• at AC-3e	
— at 400 V rated value	11 000 kW
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC	
rated value	24 V
rated value	24 24 V
holding power of magnet coil at DC	5.9 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	325 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor • at 480 V rated value	25 A
	25 A
at 600 V rated value	25 A
yielded mechanical performance [hp]	
for single-phase AC motor	
— at 110/120 V rated value	2 hp
— at 230 V rated value	3 hp
• for 3-phase AC motor	
— at 200/208 V rated value	7.5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	20 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	165 mm
required spacing	
for grounded parts	
— forwards	20 mm
— backwards	0 mm
— upwards	50 mm
— at the side	20 mm
— downwards	10 mm
• for live parts	
— forwards	20 mm
— backwards	0 mm
— upwards	50 mm
— downwards	10 mm
— at the side	20 mm
Connections/ Terminals	
type of electrical connection	

<i>.</i>						
for main current cir				l-loaded terminals		
 for auxiliary and co 	ontrol circuit		spring	pring-loaded terminals		
Safety related data			_			
B10 value with high dema	and rate according to SN	N 31920	1 000	000		
proportion of dangerou	s failures					
 with high demand rate according to SN 31920 			73 %			
touch protection on the front according to IEC 60529			finger-safe, for vertical contact from the front			
Communication/ Protoco						
protocol is supported						
 PROFINET IO pro 	tocol		No			
 PROFIsafe protoco 	ol		No			
protocol is supported AS-	-Interface protocol		No			
Certificates/ approvals						
General Product Appro	oval			For use in hazard- ous locations	Declaration of Confor	mity
<u>Confirmation</u>		EAC	1	K ATEX	CE EG-Konf.	UK CA
Test Certificates		Marine / Shippi	ing			
<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report	ABS		BUREAU VERITAS	Lloyd's Register uis	PRS
Marine / Shipping				other	Railway	Dangerous Good
RINA	KMRS RMRS			<u>Confirmation</u>	Vibration and Shock	Transport Information
Further information Siemens has decided to						
https://press.siemens.com Siemens is working on Please contact your local EAC relevant market (oth Information on the pack https://support.industry.si Information- and Downl https://www.siemens.com Industry Mall (Online or https://mall.industry.siem Cax online generator http://support.automation	the renewal of the cur I Siemens office on the s her than the sanctioned like kaging lemens.com/cs/ww/en/v loadcenter (Catalogs, I n/ic10 rdering system) ens.com/mall/en/en/Cat	rent EAC certifica status of validity of EAEU member sta iew/109813875 Brochures,) alog/product?mlfb=	ates. the EAC tes Russ =3RA21	C certification if you intend sia or Belarus). 20-4DH27-0BB4		oly these products to an
Service&Support.industry.si	uals, Certificates, Char	acteristics, FAQs	i,)			
Image database (production http://www.automation.sig					s, EPLAN macros,)	
Characteristic: Tripping https://support.industry.si Further characteristics http://www.automation.sie	g characteristics, I²t, Le iemens.com/cs/ww/en/p (e.g. electrical endura	et-through curren s/3RA2120-4DH27 nce, switching fre	t 7 <u>-0BB4/c</u> equency	<u>char</u> /)	kobjecttype=14&gridview=	=view1
https://support.industry.si Further characteristics	iemens.com/cs/ww/en/p (e.g. electrical endura	<u>s/3RA2120-4DH27</u> nce, switching fre	7 <u>-0BB4/0</u> equency	()	<u>kobjecttype=14&gridview</u> -	<u>=view1</u>









last modified:

4/17/2023 🖸