




SIRIUS 3RA11 Fastbus Non-Reversing Combination Starters, DC Coil

SIRIUS 3R Assemblies	Ordering Information	Coil Voltage Codes												
 <p>3RA111 3RA112</p>	<ul style="list-style-type: none"> ▶ The MSP and contactor are linked both mechanically and electrically via the link module. ▶ Class 10 overload trip characteristics. ▶ Ambient temperature compensated up to 140° F. ▶ Phase loss sensitivity. ▶ Short circuit current ratings:ⓐ ▶ Can be ordered with or without auxiliaries. ▶ Accessories: MSP—see pages 275–279, contactor—see pages 238–245. ▶ Technical Data: MSP—see pages 362–368, contactor—see pages 316–347. ▶ Dimensions see pages 394–396. ▶ Component List see pages 308–311. 	<table border="1"> <thead> <tr> <th>DC Volts</th> <th>Code</th> </tr> </thead> <tbody> <tr><td>12</td><td>A4[ⓑ]</td></tr> <tr><td>24</td><td>B4</td></tr> <tr><td>48</td><td>W4</td></tr> <tr><td>110</td><td>F4</td></tr> <tr><td>230</td><td>P4</td></tr> </tbody> </table>	DC Volts	Code	12	A4 [ⓑ]	24	B4	48	W4	110	F4	230	P4
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<p>Replace the ** in the assembly catalog number with a coil voltage code from the table above.</p>														

Note: Select assembly by Motor Full Load Amperes. Horsepower ratings are for reference only.

FLA Adjustment Range	Single-Phase HP Ratings		Three-Phase HP Ratings				SIRIUS 3R Catalog No with no auxiliaries [ⓐ]	Price \$	SIRIUS 3R Catalog No with auxiliaries [ⓐ]	Price \$
	115V	230V	200V	230V	460V	575V				
101 Frame										
0.11–0.16	—	—	—	—	—	ⓐ	3RA1110-0AD15-1B**	281.	3RA1115-0AD15-1B**	301.
0.14–0.2	—	—	—	—	—	ⓐ	3RA1110-0BD15-1B**	281.	3RA1115-0BD15-1B**	301.
0.18–0.25	—	—	—	—	—	ⓐ	3RA1110-0CD15-1B**	281.	3RA1115-0CD15-1B**	301.
0.22–0.32	—	—	—	—	—	ⓐ	3RA1110-0DD15-1B**	281.	3RA1115-0DD15-1B**	301.
0.28–0.4	—	—	—	—	—	ⓐ	3RA1110-0ED15-1B**	281.	3RA1115-0ED15-1B**	301.
0.35–0.5	—	—	—	—	—	ⓐ	3RA1110-0FD15-1B**	295.	3RA1115-0FD15-1B**	315.
0.45–0.63	—	—	—	—	—	ⓐ	3RA1110-0GD15-1B**	295.	3RA1115-0GD15-1B**	315.
0.55–0.8	—	—	—	—	1/4	ⓐ	3RA1110-0HD15-1B**	295.	3RA1115-0HD15-1B**	315.
0.7–1	—	—	—	—	1/2	ⓐ	3RA1110-0JD15-1B**	295.	3RA1115-0JD15-1B**	315.
0.9–1.25	—	—	—	1/4	3/4	ⓐ	3RA1110-0KD15-1B**	295.	3RA1115-0KD15-1B**	315.
1.1–1.6	—	1/10	1/4	1/2	3/4	ⓐ	3RA1110-1AD15-1B**	295.	3RA1115-1AD15-1B**	315.
1.4–2	—	1/6	1/2	1/2	1	ⓐ	3RA1110-1BD15-1B**	295.	3RA1115-1BD15-1B**	315.
1.8–2.5	—	1/6	1/2	1/2	1 1/2	ⓐ	3RA1110-1CD15-1B**	295.	3RA1115-1CD15-1B**	315.
2.2–3.2	1/10	1/4	3/4	3/4	1 1/2	ⓐ	3RA1110-1DD15-1B**	295.	3RA1115-1DD15-1B**	315.
2.8–4	1/6	1/3	3/4	1	2	ⓐ	3RA1110-1ED15-1B**	295.	3RA1115-1ED15-1B**	315.
3.5–5	1/6	1/2	1	1	3	ⓐ	3RA1110-1FD15-1B**	295.	3RA1115-1FD15-1B**	315.
4.5–6.3	1/4	3/4	1 1/2	1 1/2	5	ⓐ	3RA1110-1GD15-1B**	295.	3RA1115-1GD15-1B**	315.
5.5–8	1/3	1	2	2	5	ⓐ	3RA1110-1HD16-1B**	312.	3RA1115-1HD16-1B**	332.
102 Frame										
0.11–0.16	—	—	—	—	—	—	3RA1120-0AD23-0B**	339.	3RA1125-0AD23-1B**	369.
0.14–0.2	—	—	—	—	—	—	3RA1120-0BD23-0B**	339.	3RA1125-0BD23-1B**	369.
0.18–0.25	—	—	—	—	—	—	3RA1120-0CD23-0B**	339.	3RA1125-0CD23-1B**	369.
0.22–0.32	—	—	—	—	—	—	3RA1120-0DD23-0B**	339.	3RA1125-0DD23-1B**	369.
0.28–0.4	—	—	—	—	—	—	3RA1120-0ED23-0B**	339.	3RA1125-0ED23-1B**	369.
0.35–0.5	—	—	—	—	—	—	3RA1120-0FD23-0B**	353.	3RA1125-0FD23-1B**	383.
0.45–0.63	—	—	—	—	—	1/4	3RA1120-0GD23-0B**	353.	3RA1125-0GD23-1B**	383.
0.55–0.8	—	—	—	—	1/4	1/2	3RA1120-0HD23-0B**	353.	3RA1125-0HD23-1B**	383.
0.7–1	—	—	—	—	1/2	1/2	3RA1120-0JD23-0B**	353.	3RA1125-0JD23-1B**	383.
0.9–1.25	—	—	—	1/4	3/4	3/4	3RA1120-0KD23-0B**	353.	3RA1125-0KD23-1B**	383.
1.1–1.6	—	1/10	1/4	1/2	3/4	1	3RA1120-1AD23-0B**	353.	3RA1125-1AD23-1B**	383.
1.4–2	—	1/6	1/2	1/2	1	1 1/2	3RA1120-1BD23-0B**	353.	3RA1125-1BD23-1B**	383.
1.8–2.5	—	1/6	1/2	1/2	1 1/2	1 1/2	3RA1120-1CD23-0B**	353.	3RA1125-1CD23-1B**	383.
2.2–3.2	1/10	1/4	3/4	3/4	1 1/2	2	3RA1120-1DD23-0B**	353.	3RA1125-1DD23-1B**	383.
2.8–4	1/6	1/3	3/4	1	2	3	3RA1120-1ED23-0B**	353.	3RA1125-1ED23-1B**	383.
3.5–5	1/6	1/2	1	1	3	3	3RA1120-1FD23-0B**	353.	3RA1125-1FD23-1B**	383.
4.5–6.3	1/4	3/4	1 1/2	1 1/2	5	5	3RA1120-1GD23-0B**	353.	3RA1125-1GD23-1B**	383.
5.5–8	1/3	1	2	2	5	5	3RA1120-1HD23-0B**	353.	3RA1125-1HD23-1B**	383.
7–10	1/2	1 1/2	3	3	7 1/2	10	3RA1120-1JD24-0B**	378.	3RA1125-1JD24-1B**	408.
9–12.5	1/2	2	3	3	7 1/2	10	3RA1120-1KD25-0B**	422.	3RA1125-1KD25-1B**	452.
11–16	1	3	5	5	10	ⓐ	3RA1120-4AD25-0B**	422.	3RA1125-4AD25-1B**	452.
14–20	1 1/2	3	5	7 1/2	15	ⓐ	3RA1120-4BD26-0B**	442.	3RA1125-4BD26-1B**	472.
17–22	2	3	7 1/2	7 1/2	15	ⓐ	3RA1120-4CD26-0B**	442.	3RA1125-4CD26-1B**	472.


ⓐ Short Circuit Ratings:
3RV101—50kA @ 240V, 480Y/277V
3RV102—50kA @ 240V, 480Y/277V
 25kA @ 600Y/347V up to 12.5 A

ⓐ(1) SPDT NO/NC MSP auxiliary and (1) NO front mount contactor auxiliary included. Auxiliaries are not installed or wired

All assemblies are UL Listed, CSA and CE approved.
 ⓑ For 3RA111 DC assemblies only.
 ⓐ 3RA111 assemblies have 1 NO contact built into the contactor.



SIRIUS 3RA11 Fastbus Non-Reversing Combination Starters, DC Coil

SIRIUS 3R Assemblies	Ordering Information	Coil Voltage Codes										
 <p>3RA113</p>	<ul style="list-style-type: none"> ▶ The MSP and contactor are linked both mechanically and electrically via the link module. ▶ Class 10 overload trip characteristics. ▶ Ambient temperature compensated up to 140° F. ▶ Phase loss sensitivity. ▶ Short circuit current ratings:Ⓛ ▶ Can be ordered with or without auxiliaries. ▶ Accessories: MSP—see pages 275–279, contactor—see pages 238–245. ▶ Technical Data: MSP—see pages 362–368, contactor—see pages 316–347. ▶ Dimensions see pages 394–396. ▶ Component List see pages 308–311. 	<table border="1"> <thead> <tr> <th>DC Volts</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>B4</td> </tr> <tr> <td>48</td> <td>W4</td> </tr> <tr> <td>110</td> <td>F4</td> </tr> <tr> <td>230</td> <td>P4</td> </tr> </tbody> </table>	DC Volts	Code	24	B4	48	W4	110	F4	230	P4
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24	B4											
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<p>Replace the ** in the assembly catalog number with a coil voltage code from the table above.</p>												

Note: Select assembly by Motor Full Load Amperes. Horsepower ratings are for reference only.

FLA Adjustment Range	Single-Phase HP Ratings		Three-Phase HP Ratings				SIRIUS 3R Catalog No with no auxiliaries	Price \$	SIRIUS 3R Catalog No with auxiliaries [Ⓛ]	Price \$
	115V	230V	200V	230V	460V	575V				
103 Frame										
11–16	1	3	5	5	10	15	3RA1130-4AD33-0B**	636.	3RA1135-4AD33-1B**	666.
14–20	1½	3	5	7½	15	20	3RA1130-4BD33-0B**	636.	3RA1135-4BD33-1B**	666.
18–25	2	5	7½	10	20	25	3RA1130-4DD33-0B**	636.	3RA1135-4DD33-1B**	666.
22–32	2	5	10	10	25	30	3RA1130-4ED34-0B**	661.	3RA1135-4ED34-1B**	691.
28–40	3	7½	10	15	30	40	3RA1130-4FD35-0B**	722.	3RA1135-4FD35-1B**	752.
36–45	3	7½	15	15	30	40	3RA1130-4GD36-0B**	737.	3RA1135-4GD36-1B**	767.
40–50	3	10	15	15	40	50	3RA1130-4HD36-0B**	737.	3RA1135-4HD36-1B**	767.
104 Frame***In Kit Form Only — Assembly Required***										
28–40	3	7½	15	15	30	40	3RA1140-4FD44-0B**	866.	3RA1145-4FD44-1B**	896.
36–50	5	10	15	20	40	50	3RA1140-4HD44-0B**	866.	3RA1145-4HD44-1B**	896.
45–63	5	15	20	25	50	60	3RA1140-4JD44-0B**	866.	3RA1145-4JD44-1B**	896.
57–75	7½	15	25	25	60	75	3RA1140-4KD45-0B**	924.	3RA1145-4KD45-1B**	954.
70–90	10	20	30	30	75	75	3RA1140-4LD46-0B**	1098.	3RA1145-4LD46-1B**	1128.
80–100 [Ⓛ]	10	20	30	30	75	75	3RA1140-4MD46-0B**	1148.	3RA1145-4MD46-1B**	1178.

Ⓛ Short Circuit Ratings:

3RV103—50kA @ 240V, 480Y/277V
25kA @ 600Y/347V

3RV104—50kA @ 240V, 480Y/277V
30kA @ 600Y/347V up to 75 A

All assemblies are UL Listed, CSA and CE approved.

Ⓛ Maximum motor current is 95A.

Ⓛ(1) SPDT NO/NC MSP auxiliary and (1) NO front mount contactor auxiliary included. Auxiliaries are not installed or wired.