


SIRIUS 3RA11 Non-Reversing Combination Starters, AC 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: ① ▶ 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 384–386. ▶ Component List see pages 288–291. | ACV 60 Hz | ACV 50 Hz | Code |
| | | 24 120 208 240 277 480 600 | 24 110 208 220 — — — | C2 ^② K6 M2 P6 U6 V6 T6 |
| Replace the ** in the assembly catalog number with a coil voltage code from the table above. | | | | |

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 ^③ | Price \$ | SIRIUS 3R Catalog No with auxiliaries ^③ | Price \$ | |
|----------------------|-------------------------|-------|------------------------|-------|-------|-------|---|--------------------|--|--------------------|------|
| | 115V | 230V | 200V | 230V | 460V | 575V | | | | | |
| 101 Frame | | | | | | | | | | | |
| 0.11–0.16 | — | — | — | — | — | — | ① | 3RA1110-0AA15-1A** | 234. | 3RA1115-0AA15-1A** | 254. |
| 0.14–0.2 | — | — | — | — | — | — | ① | 3RA1110-0BA15-1A** | 234. | 3RA1115-0BA15-1A** | 254. |
| 0.18–0.25 | — | — | — | — | — | — | ① | 3RA1110-0CA15-1A** | 234. | 3RA1115-0CA15-1A** | 254. |
| 0.22–0.32 | — | — | — | — | — | — | ① | 3RA1110-0DA15-1A** | 234. | 3RA1115-0DA15-1A** | 254. |
| 0.28–0.4 | — | — | — | — | — | — | ① | 3RA1110-0EA15-1A** | 234. | 3RA1115-0EA15-1A** | 254. |
| 0.35–0.5 | — | — | — | — | — | — | ① | 3RA1110-0FA15-1A** | 248. | 3RA1115-0FA15-1A** | 268. |
| 0.45–0.63 | — | — | — | — | — | — | ① | 3RA1110-0GA15-1A** | 248. | 3RA1115-0GA15-1A** | 268. |
| 0.55–0.8 | — | — | — | — | 1/4 | — | ① | 3RA1110-0HA15-1A** | 248. | 3RA1115-0HA15-1A** | 268. |
| 0.7–1 | — | — | — | — | 1/2 | — | ① | 3RA1110-0JA15-1A** | 248. | 3RA1115-0JA15-1A** | 268. |
| 0.9–1.25 | — | — | — | 1/4 | 3/4 | — | ① | 3RA1110-0KA15-1A** | 248. | 3RA1115-0KA15-1A** | 268. |
| 1.1–1.6 | — | 1/10 | 1/4 | 1/2 | 3/4 | — | ① | 3RA1110-1AA15-1A** | 248. | 3RA1115-1AA15-1A** | 268. |
| 1.4–2 | — | 1/8 | 1/2 | 1/2 | 1 | — | ① | 3RA1110-1BA15-1A** | 248. | 3RA1115-1BA15-1A** | 268. |
| 1.8–2.5 | — | 1/6 | 1/2 | 1/2 | 1 1/2 | — | ① | 3RA1110-1CA15-1A** | 248. | 3RA1115-1CA15-1A** | 268. |
| 2.2–3.2 | 1/10 | 1/4 | 3/4 | 3/4 | 1 1/2 | — | ① | 3RA1110-1DA15-1A** | 248. | 3RA1115-1DA15-1A** | 268. |
| 2.8–4 | 1/8 | 1/2 | 3/4 | 1 | 2 | — | ① | 3RA1110-1EA15-1A** | 248. | 3RA1115-1EA15-1A** | 268. |
| 3.5–5 | 1/6 | 1/2 | 1 | 1 | 3 | — | ① | 3RA1110-1FA15-1A** | 248. | 3RA1115-1FA15-1A** | 268. |
| 4.5–6.3 | 1/4 | 3/4 | 1 1/2 | 1 1/2 | 5 | — | ① | 3RA1110-1GA15-1A** | 248. | 3RA1115-1GA15-1A** | 268. |
| 5.5–8 | 1/2 | 1 | 2 | 2 | 5 | — | ① | 3RA1110-1HA16-1A** | 265. | 3RA1115-1HA16-1A** | 285. |
| 102 Frame | | | | | | | | | | | |
| 0.11–0.16 | — | — | — | — | — | — | — | 3RA1120-0AA23-0A** | 285. | 3RA1125-0AA23-1A** | 315. |
| 0.14–0.2 | — | — | — | — | — | — | — | 3RA1120-0BA23-0A** | 285. | 3RA1125-0BA23-1A** | 315. |
| 0.18–0.25 | — | — | — | — | — | — | — | 3RA1120-0CA23-0A** | 285. | 3RA1125-0CA23-1A** | 315. |
| 0.22–0.32 | — | — | — | — | — | — | — | 3RA1120-0DA23-0A** | 285. | 3RA1125-0DA23-1A** | 315. |
| 0.28–0.4 | — | — | — | — | — | — | — | 3RA1120-0EA23-0A** | 285. | 3RA1125-0EA23-1A** | 315. |
| 0.35–0.5 | — | — | — | — | — | — | — | 3RA1120-0FA23-0A** | 299. | 3RA1125-0FA23-1A** | 329. |
| 0.45–0.63 | — | — | — | — | 1/4 | — | — | 3RA1120-0GA23-0A** | 299. | 3RA1125-0GA23-1A** | 329. |
| 0.55–0.8 | — | — | — | — | 1/2 | — | — | 3RA1120-0HA23-0A** | 299. | 3RA1125-0HA23-1A** | 329. |
| 0.7–1 | — | — | — | — | 1/2 | — | — | 3RA1120-0JA23-0A** | 299. | 3RA1125-0JA23-1A** | 329. |
| 0.9–1.25 | — | — | — | 1/4 | 3/4 | — | — | 3RA1120-0KA23-0A** | 299. | 3RA1125-0KA23-1A** | 329. |
| 1.1–1.6 | — | 1/10 | 1/4 | 1/2 | 3/4 | 1 | — | 3RA1120-1AA23-0A** | 299. | 3RA1125-1AA23-1A** | 329. |
| 1.4–2 | — | 1/8 | 1/2 | 1/2 | 1 | 1 1/2 | — | 3RA1120-1BA23-0A** | 299. | 3RA1125-1BA23-1A** | 329. |
| 1.8–2.5 | — | 1/6 | 1/2 | 1/2 | 1 1/2 | 1 1/2 | — | 3RA1120-1CA23-0A** | 299. | 3RA1125-1CA23-1A** | 329. |
| 2.2–3.2 | 1/10 | 1/4 | 3/4 | 3/4 | 1 1/2 | 2 | — | 3RA1120-1DA23-0A** | 299. | 3RA1125-1DA23-1A** | 329. |
| 2.8–4 | 1/8 | 1/2 | 3/4 | 1 | 2 | 3 | — | 3RA1120-1EA23-0A** | 299. | 3RA1125-1EA23-1A** | 329. |
| 3.5–5 | 1/6 | 1/2 | 1 | 1 | 3 | 3 | — | 3RA1120-1FA23-0A** | 299. | 3RA1125-1FA23-1A** | 329. |
| 4.5–6.3 | 1/4 | 3/4 | 1 1/2 | 1 1/2 | 5 | 5 | — | 3RA1120-1GA23-0A** | 299. | 3RA1125-1GA23-1A** | 329. |
| 5.5–8 | 1/2 | 1 | 2 | 2 | 5 | 5 | — | 3RA1120-1HA23-0A** | 299. | 3RA1125-1HA23-1A** | 329. |
| 7–10 | 1/2 | 1 1/2 | 3 | 3 | 7 1/2 | 10 | — | 3RA1120-1JA24-0A** | 323. | 3RA1125-1JA24-1A** | 353. |
| 9–12.5 | 1/2 | 2 | 3 | 3 | 7 1/2 | 10 | — | 3RA1120-1KA25-0A** | 368. | 3RA1125-1KA25-1A** | 398. |
| 11–16 | 1 | 3 | 5 | 5 | 10 | — | ① | 3RA1120-4AA25-0A** | 368. | 3RA1125-4AA25-1A** | 398. |
| 14–20 | 1 1/2 | 3 | 5 | 7 1/2 | 15 | — | ① | 3RA1120-4BA26-0A** | 383. | 3RA1125-4BA26-1A** | 413. |
| 17–22 | 2 | 3 | 7 1/2 | 7 1/2 | 15 | — | ① | 3RA1120-4CA26-0A** | 383. | 3RA1125-4CA26-1A** | 413. |

① Short Circuit Ratings:
3RV101—50kA @ 240V, 480Y/277V
3RV102—50kA @ 240V, 480Y/277V
 25kA @ 600Y/347V up to 12.5 A

All assemblies are UL Listed, CSA and CE approved.
 ② For 3RA111 AC assemblies use B0 for a 24VAC, 50/60 Hz coil.
 ③ 3RA111 assemblies have 1 NO contact built into the contactor.


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



Combination Starters

Selection

SIRIUS 3RA11 Non-Reversing Combination Starters, AC 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: ① ▶ 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 384–386. ▶ Component List see pages 288–291. | ACV 60 Hz | ACV 50 Hz | Code |
| | | 24 120 208 240 277 480 600 | 24 110 208 220 — — — | C2 K6 M2 P6 U6 V6 T6 |
| Replace the ** in the assembly catalog number with a coil voltage code from the table above. | | | | |

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 ^③ | Price \$ |
|----------------------|-------------------------|------|------------------------|------|------|------|--|----------|--|----------|
| | 115V | 230V | 200V | 230V | 460V | 575V | | | | |
| 103 Frame | | | | | | | | | | |
| 11–16 | 1 | 3 | 5 | 5 | 10 | 15 | 3RA1130-4AB33-0A** | 579. | 3RA1135-4AB33-1A** | 609. |
| 14–20 | 1½ | 3 | 5 | 7½ | 15 | 20 | 3RA1130-4BB33-0A** | 579. | 3RA1135-4BB33-1A** | 609. |
| 18–25 | 2 | 5 | 7½ | 10 | 20 | 25 | 3RA1130-4DB33-0A** | 579. | 3RA1135-4DB33-1A** | 609. |
| 22–32 | 2 | 5 | 10 | 10 | 25 | 30 | 3RA1130-4EB34-0A** | 595. | 3RA1135-4EB34-1A** | 625. |
| 28–40 | 3 | 7½ | 10 | 15 | 30 | 40 | 3RA1130-4FB35-0A** | 650. | 3RA1135-4FB35-1A** | 680. |
| 36–45 | 3 | 7½ | 15 | 15 | 30 | 40 | 3RA1130-4GB36-0A** | 665. | 3RA1135-4GB36-1A** | 695. |
| 40–50 | 3 | 10 | 15 | 15 | 40 | 50 | 3RA1130-4HB36-0A** | 665. | 3RA1135-4HB36-1A** | 695. |
| 104 Frame | | | | | | | | | | |
| 28–40 | 3 | 7½ | 15 | 15 | 30 | 40 | 3RA1140-4FB44-0A** | 802. | 3RA1145-4FB44-1A** | 832. |
| 36–50 | 5 | 10 | 15 | 20 | 40 | 50 | 3RA1140-4HB44-0A** | 802. | 3RA1145-4HB44-1A** | 832. |
| 45–63 | 5 | 15 | 20 | 25 | 50 | 60 | 3RA1140-4JB44-0A** | 802. | 3RA1145-4JB44-1A** | 832. |
| 57–75 | 7½ | 15 | 25 | 25 | 60 | 75 | 3RA1140-4KB45-0A** | 860. | 3RA1145-4KB45-1A** | 890. |
| 70–90 | 10 | 20 | 30 | 30 | 75 | 75 | 3RA1140-4LB46-0A** | 1007. | 3RA1145-4LB46-1A** | 1037. |
| 80–100 ^② | 10 | 20 | 30 | 30 | 75 | 75 | 3RA1140-4MB46-0A** | 1057. | 3RA1145-4MB46-1A** | 1087. |

①Short 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.

②Maximum motor current is 95A.

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