

3RV1 Motor Starter Protectors for Motor Protection

SIRIUS

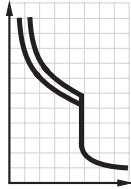


3RV10
up to 25 A

Selection and ordering data

CLASS 10, without auxiliary switch

Auxiliary switches can be ordered separately according to the table on page 2/6.



| Rated current | Suitable for for three-phase inductive motors ¹⁾ | Current setting range Thermal overload release | Instantaneous short-circuit release | UL short-circuit breaking capacity @ 480 VAC | Screw connection | Cage Clamp connection | Weight approx. |
|---------------|---|---|-------------------------------------|--|------------------|-----------------------|----------------|
| I_n A | HP @ 480 V | A | A | I_{cu} kA | Order No. | Price | Order No. |

Size S00



| | | | | | | | | |
|------|-------|-------------|-----|----|----------------|--|----------------|------|
| 0.16 | | 0.11 – 0.16 | 2.1 | 65 | 3RV10 11-0AA10 | | 3RV10 11-0AA20 | 0.21 |
| 0.2 | | 0.14 – 0.2 | 2.6 | 65 | 3RV10 11-0BA10 | | 3RV10 11-0BA20 | |
| 0.25 | | 0.18 – 0.25 | 3.3 | 65 | 3RV10 11-0CA10 | | 3RV10 11-0CA20 | |
| 0.32 | | 0.22 – 0.32 | 4.2 | 65 | 3RV10 11-0DA10 | | 3RV10 11-0DA20 | |
| 0.4 | | 0.28 – 0.4 | 5.2 | 65 | 3RV10 11-0EA10 | | 3RV10 11-0EA20 | |
| 0.5 | | 0.35 – 0.5 | 6.5 | 65 | 3RV10 11-0FA10 | | 3RV10 11-0FA20 | |
| 0.63 | | 0.45 – 0.63 | 8.2 | 65 | 3RV10 11-0GA10 | | 3RV10 11-0GA20 | |
| 0.8 | 1/4 | 0.55 – 0.8 | 10 | 65 | 3RV10 11-0HA10 | | 3RV10 11-0HA20 | |
| 1 | 1/2 | 0.7 – 1 | 13 | 65 | 3RV10 11-0JA10 | | 3RV10 11-0JA20 | |
| 1.25 | 3/4 | 0.9 – 1.25 | 16 | 65 | 3RV10 11-0KA10 | | 3RV10 11-0KA20 | |
| 1.6 | 3/4 | 1.1 – 1.6 | 21 | 65 | 3RV10 11-1AA10 | | 3RV10 11-1AA20 | |
| 2 | 1 | 1.4 – 2 | 26 | 65 | 3RV10 11-1BA10 | | 3RV10 11-1BA20 | |
| 2.5 | 1 1/2 | 1.8 – 2.5 | 33 | 65 | 3RV10 11-1CA10 | | 3RV10 11-1CA20 | |
| 3.2 | 1 1/2 | 2.2 – 3.2 | 42 | 65 | 3RV10 11-1DA10 | | 3RV10 11-1DA20 | |
| 4 | 2 | 2.8 – 4 | 52 | 65 | 3RV10 11-1EA10 | | 3RV10 11-1EA20 | |
| 5 | 3 | 3.5 – 5 | 65 | 65 | 3RV10 11-1FA10 | | 3RV10 11-1FA20 | |
| 6.3 | 5 | 4.5 – 6.3 | 82 | 65 | 3RV10 11-1GA10 | | 3RV10 11-1GA20 | |
| 8 | 5 | 5.5 – 8 | 104 | 65 | 3RV10 11-1HA10 | | 3RV10 11-1HA20 | |
| 10 | 7 1/2 | 7 – 10 | 130 | 65 | 3RV10 11-1JA10 | | 3RV10 11-1JA20 | |
| 12 | 7 1/2 | 9 – 12 | 156 | 65 | 3RV10 11-1KA10 | | 3RV10 11-1KA20 | |

Size S0⁴⁾



| | | | | | | | | |
|------|-------|-------------|-----|----|----------------|---|---|------|
| 0.16 | | 0.11 – 0.16 | 2.1 | 65 | 3RV10 21-0AA10 | – | – | 0.32 |
| 0.2 | | 0.14 – 0.2 | 2.6 | 65 | 3RV10 21-0BA10 | – | – | |
| 0.25 | | 0.18 – 0.25 | 3.3 | 65 | 3RV10 21-0CA10 | – | – | |
| 0.32 | | 0.22 – 0.32 | 4.2 | 65 | 3RV10 21-0DA10 | – | – | |
| 0.4 | | 0.28 – 0.4 | 5.2 | 65 | 3RV10 21-0EA10 | – | – | |
| 0.5 | | 0.35 – 0.5 | 6.5 | 65 | 3RV10 21-0FA10 | – | – | |
| 0.63 | | 0.45 – 0.63 | 8.2 | 65 | 3RV10 21-0GA10 | – | – | |
| 0.8 | | 0.55 – 0.8 | 10 | 65 | 3RV10 21-0HA10 | – | – | |
| 1 | 1/2 | 0.7 – 1 | 13 | 65 | 3RV10 21-0JA10 | – | – | |
| 1.25 | 3/4 | 0.9 – 1.25 | 16 | 65 | 3RV10 21-0KA10 | – | – | |
| 1.6 | 3/4 | 1.1 – 1.6 | 21 | 65 | 3RV10 21-1AA10 | – | – | |
| 2 | 1 | 1.4 – 2 | 26 | 65 | 3RV10 21-1BA10 | – | – | |
| 2.5 | 1 1/2 | 1.8 – 2.5 | 33 | 65 | 3RV10 21-1CA10 | – | – | |
| 3.2 | 1 1/2 | 2.2 – 3.2 | 42 | 65 | 3RV10 21-1DA10 | – | – | |
| 4 | 2 | 2.8 – 4 | 52 | 65 | 3RV10 21-1EA10 | – | – | |
| 5 | 3 | 3.5 – 5 | 65 | 65 | 3RV10 21-1FA10 | – | – | |
| 6.3 | 5 | 4.5 – 6.3 | 82 | 65 | 3RV10 21-1GA10 | – | – | |
| 8 | 5 | 5.5 – 8 | 104 | 65 | 3RV10 21-1HA10 | – | – | |
| 10 | 7 1/2 | 7 – 10 | 130 | 65 | 3RV10 21-1JA10 | – | – | |
| 12.5 | 7 1/2 | 9 – 12.5 | 163 | 65 | 3RV10 21-1KA10 | – | – | |
| 16 | 10 | 11 – 16 | 208 | 65 | 3RV10 21-4AA10 | – | – | |
| 20 | 15 | 14 – 20 | 260 | 65 | 3RV10 21-4BA10 | – | – | |
| 22 | 15 | 17 – 22 | 286 | 65 | 3RV10 21-4CA10 | – | – | |
| 25 | 15 | 20 – 25 | 325 | 65 | 3RV10 21-4DA10 | – | – | |

Accessories

Transverse auxiliary switch³⁾

1 NO + 1 NC separately

3RV19 01-1E

3RV19 01-2E

0.02

For multi-unit packing see "Appendix".

- 1) Select MSP by motor full load amps. Horse power ratings for reference only.
- 2) Size 500 MSP are listed for group installation only.

- 3) For additional auxiliary switches refer to Accessories, Page 2/6 (screw connection) and Page 2/13 (Cage Clamp connection).
- 4) Size S0, S2, S3 are listed as type E combination motor controller, see page 2/6 for required terminals.