



### Bulletin 100-C/104-C — IEC Contactors

- Compact sizes from 4...55 kW/5...75 Hp (9...97 A)
- AC and DC coil control
- Common accessories for all contactor sizes
- Front and side mounting of auxiliary contacts
- Electronic and pneumatic timing modules
- Space-saving coil-mounted control modules
- Reversible coil terminations (line or load side)
- All devices can be attached to 35 mm DIN mounting Rail
- Environmentally friendly materials

The Bulletin 100-C/104-C IEC contactor family, along with a wide range of common accessories and Bulletin 193 solid-state overload relays, provides the most compact and flexible starter component system available.

Your order must include: cat. no. of the contactor specified with coil voltage code and, if required, cat. no. of any accessories and/or replacement coils.

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### Standards Compliance

EN/IEC 60947-4-1, 60947-5-1  
 IEC 60947 Type “2”  
 Coordination  
 CSA C22.2 No. 14  
 UL 508  
 Meets the material restrictions  
 for European Directive  
 2002/95/IEC-EU-RoHS

### Certifications

CE Marked  
 cULus Listed (File No. E3125;  
 Guide NLDX, NLDX7)  
 CCC

## Product Selection

### 3-Pole AC- and DC-Operated Contactors

| /e [A] |      | Ratings for Switching AC Motors — AC-2, AC-3, AC-4 |           |      |      |            |       |         |       |       |       | Aux. Contacts                                                                       |                                                                                     | Cat. No.                                                                                         |
|--------|------|----------------------------------------------------|-----------|------|------|------------|-------|---------|-------|-------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|        |      | 3-Phase kW (50 Hz)                                 |           |      |      | Hp (60 Hz) |       |         |       |       |       |  |  |                                                                                                  |
| AC-3   | AC-1 | 230V                                               | 400V/415V | 500V | 690V | 1-Phase    |       | 3-Phase |       |       |       |                                                                                     |                                                                                     |                                                                                                  |
|        |      |                                                    |           |      |      | 115V       | 230V  | 200V    | 230V  | 460V  | 575V  |                                                                                     |                                                                                     |                                                                                                  |
| 9      | 32   | 3                                                  | 4         | 4    | 4    | 1/2        | 1-1/2 | 2       | 2     | 5     | 7-1/2 | 1                                                                                   | 0                                                                                   |  100-C09⊗10 |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   |  100-C09⊗01 |
| 12     | 32   | 4                                                  | 5.5       | 5.5  | 5.5  | 1/2        | 2     | 3       | 3     | 7-1/2 | 10    | 1                                                                                   | 0                                                                                   |  100-C12⊗10 |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   |  100-C12⊗01 |
| 16     | 32   | 5.5                                                | 7.5       | 7.5  | 7.5  | 1          | 3     | 5       | 5     | 10    | 15    | 1                                                                                   | 0                                                                                   |  100-C16⊗10 |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   |  100-C16⊗01 |
| 23     | 32   | 7.5                                                | 11        | 13   | 10   | 2          | 3     | 5       | 7-1/2 | 15    | 15    | 1                                                                                   | 0                                                                                   | 100-C23⊗10                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   | 100-C23⊗01                                                                                       |
| 30     | 65   | 10                                                 | 15        | 15   | 15   | 2          | 5     | 7-1/2   | 10    | 20    | 25    | 0                                                                                   | 0                                                                                   | 100-C30⊗00                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 1                                                                                   | 0                                                                                   | 100-C30⊗10                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   | 100-C30⊗01                                                                                       |
| 37     | 65   | 11                                                 | 18.5/20   | 20   | 18.5 | 3          | 5     | 10      | 10    | 25    | 30    | 0                                                                                   | 0                                                                                   | 100-C37⊗00                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 1                                                                                   | 0                                                                                   | 100-C37⊗10                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   | 100-C37⊗01                                                                                       |
| 43     | 85   | 13                                                 | 22        | 25   | 22   | 3          | 7-1/2 | 10      | 15    | 30    | 30    | 0                                                                                   | 0                                                                                   | 100-C43⊗00                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 1                                                                                   | 0                                                                                   | 100-C43⊗10                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   | 100-C43⊗01                                                                                       |
| 60     | 100  | 18.5                                               | 32        | 37   | 32   | 5          | 10    | 15      | 20    | 40    | 50    | 0                                                                                   | 0                                                                                   | 100-C60⊗00                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 1                                                                                   | 0                                                                                   | 100-C60⊗10                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   | 100-C60⊗01                                                                                       |
| 72     | 100  | 22                                                 | 40        | 45   | 40   | 5          | 15    | 20      | 25    | 50    | 60    | 0                                                                                   | 0                                                                                   | 100-C72⊗00                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 1                                                                                   | 0                                                                                   | 100-C72⊗10                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   | 100-C72⊗01                                                                                       |
| 85     | 100  | 25                                                 | 45        | 55   | 45   | 7-1/2      | 15    | 25      | 30    | 60    | 60    | 0                                                                                   | 0                                                                                   | 100-C85⊗00                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 1                                                                                   | 0                                                                                   | 100-C85⊗10                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   | 100-C85⊗01                                                                                       |
| 97     | 130  | 30                                                 | 55        | 55   | 55   | 10         | 15    | 30      | 30    | 75    | 75    | 0                                                                                   | 0                                                                                   | 100-C97⊗00                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 1                                                                                   | 0                                                                                   | 100-C97⊗10                                                                                       |
|        |      |                                                    |           |      |      |            |       |         |       |       |       | 0                                                                                   | 1                                                                                   | 100-C97⊗01                                                                                       |

‡ For screwless terminals, add an "R" after the letter "C" in the catalog number. Example: **Cat. No. 100-C09⊗10** becomes **Cat. No. 100-CR09⊗10**.

⊗ Coil voltage code and terminal position—see page 2-131



**Allen-Bradley**

www.ab.com/catalogs Preferred availability cat. nos. are **bold**.

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