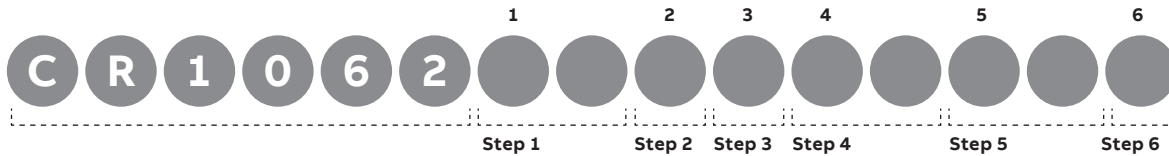


# CR1062 manual starters

Single-phase and polyphase

**10 Hp maximum**  
**600 volts**  
**25 to 60 Hz**

Digits:



Steps:

Example: CR1062S3ABT302R is a size M-1 three-phase starter with overload protection, 1 NO auxiliary contact and toggle operation in a NEMA Type 3/12/13 enclosure with a red 120 V indicating light.

### 1. Select NEMA size and number of poles

| NEMA size | Number of poles             | Product no. digits |
|-----------|-----------------------------|--------------------|
| M-0       | Single-phase DC (in series) | R1                 |
|           | Single-phase (AC)           | R2                 |
|           | 3-Pole three-phase          | R3                 |
| M-1       | Single-phase DC (in series) | S1                 |
|           | Single-phase (AC)           | S2                 |
|           | 3-Pole three-phase          | S3                 |
| M-1P      | Single-phase DC (in series) | -                  |
|           | Single-phase AC in parallel | T2                 |
|           | 3-Pole three-phase          | -                  |

### 2. Select protection

| Protection        | Single-phase      | Three-phase       |
|-------------------|-------------------|-------------------|
|                   | Product no. digit | Product no. digit |
| Standard overload | A                 | A                 |
| Omit overload     | B                 | B                 |

Order heaters as a separate item from Heater Selection Tables, page 1-157.

### 3. Select auxiliary contacts

| Auxiliary contacts | Size 0            | Size 1            | Size 1-P          |
|--------------------|-------------------|-------------------|-------------------|
|                    | Product no. digit | Product no. digit | Product no. digit |
| None               | A                 | A                 | A                 |
| 1 NO               | B                 | B                 | B                 |
| 2 NO               | C                 | C                 | -                 |

Cannot have 2 auxiliary contacts with size 1-P device.

### 4. Select type of operator and enclosure type

| Type of operator | Enclosure class | Product no. digits |
|------------------|-----------------|--------------------|
| Push button      | Open            | P1                 |
|                  | Type 1          | P2                 |
|                  | Type 3/12/13    | -                  |
|                  | Type 4/4X       | -                  |
|                  | Flush mounted   | P5                 |
| Toggle lever     | Open            | T1                 |
|                  | Type 1          | T2                 |
|                  | Type 3/12/13    | T3                 |
|                  | Type 4/4X       | T4                 |
|                  | Flush mounted   | T5                 |

No hubs installed on types 1, 3, 12, and 13 enclosures. 3/4-inch hubs standard on type 4X enclosures.

### 5. Select protection

|                         | Type 1 enclosure    | Type 3/12/13 and 4/4X enclosures |
|-------------------------|---------------------|----------------------------------|
|                         | No indicating light | 00                               |
| 120 V/60 Hz 100 V/50 Hz | 02                  | 02                               |
| 240 V/60 Hz 220 V/50 Hz | 03                  | 03                               |
| 480 V/60 Hz 440 V/50 Hz | 04                  | 04                               |
| 600 V/60 Hz             | 05                  | 05                               |

Order heaters as a separate item from Heater Selection Tables, page 1-157.

### 6. Select indicating light color

| Indicating light color | Product no. digit |
|------------------------|-------------------|
| No indicating light    | Ø                 |
| Red light              | G                 |
| Green light            | R                 |

### Enclosure kits

| Description  | Product number |
|--|----------------|
| Type 1 enclosure for toggle-operated 2- to 4-pole starters       | CR1062X9       |
| Type 1 enclosure for push button-operated 2- to 4-pole starters  | CR1062X10      |
| Type 3/12/13 enclosure (no hubs) toggle devices only             | CR1062X28      |
| Type 4x enclosure (with hubs) toggle devices only                | CR1062X23      |
| Type 1 flush-mounted enclosure for toggle-operated starters      | CR1062X30      |
| Type 1 flush-mounted enclosure for push button-operated starters | CR1062X31      |

Cannot have 2 auxiliary contacts with size 1-P device.

## CR1062 manual starters

Single-phase and polyphase

10 Hp maximum

600 volts

25 to 60 Hz

### Across-the-line forms, surface-mounted

Single-phase starters require one heater. Three-phase nonreversing starters require three heaters. Specify quantity and order as separate items. Packaged in quantities of three; must be ordered in multiples of three. Select heater(s) from tables on page 1-157. No hubs installed on Types 1, 3R, 12, and 13 enclosures.  $\frac{3}{4}$ -inch hubs standard on Type 4X enclosures.

#### Open



Open type

| NEMA size | Motor type   | Operator type | Product number  |
|-----------|--------------|---------------|-----------------|
| M-0       | Single phase | Push button   | CR1062R2AAP1000 |
| M-1       | Single phase | Push button   | CR1062S2AAP1000 |
| M-1P      | Single phase | Push button   | CR1062T2AAP1000 |
| M-0       | Three phase  | Push button   | CR1062R3AAP1000 |
| M-1       | Three phase  | Push button   | CR1062S3AAP1000 |
| M-0       | Single phase | Toggle        | CR1062R2AAT1000 |
| M-1       | Single phase | Toggle        | CR1062S2AAT1000 |
| M-1P      | Single phase | Toggle        | CR1062T2AAT1000 |
| M-0       | Three phase  | Toggle        | CR1062R3AAT1000 |
| M-1       | Three phase  | Toggle        | CR1062S3AAT1000 |

#### Enclosed NEMA type 1



Type 1 surface mounting

| NEMA size | Motor type   | Operator type | Product number  |
|-----------|--------------|---------------|-----------------|
| M-0       | Single phase | Push button   | CR1062R2AAP2000 |
| M-1       | Single phase | Push button   | CR1062S2AAP2000 |
| M-1P      | Single phase | Push button   | CR1062T2AAP2000 |
| M-0       | Three phase  | Push button   | CR1062R3AAP2000 |
| M-1       | Three phase  | Push button   | CR1062S3AAP2000 |
| M-0       | Single phase | Toggle        | CR1062R2AAT2000 |
| M-1       | Single phase | Toggle        | CR1062S2AAT2000 |
| M-1P      | Single phase | Toggle        | CR1062T2AAT2000 |
| M-0       | Three phase  | Toggle        | CR1062R3AAT2000 |
| M-1       | Three phase  | Toggle        | CR1062S3AAT2000 |

#### Enclosed NEMA type 3R/12/13



Type 1 flush mounting

| NEMA size | Motor type   | Operator type | Product number  |
|-----------|--------------|---------------|-----------------|
| M-0       | Single phase | Toggle        | CR1062R2AAT3000 |
| M-1       | Single phase | Toggle        | CR1062S2AAT3000 |
| M-1P      | Single phase | Toggle        | CR1062T2AAT3000 |
| M-0       | Three phase  | Toggle        | CR1062R3AAT3000 |
| M-1       | Three phase  | Toggle        | CR1062S3AAT3000 |