

# NEMA Full Voltage Power Devices

## NEMA Rated Full Voltage Starters - Magnetic

### CR387, CR487 Mag-Break Magnetic Starters

## Section 1

Nonreversing, Combination NEMA Type 1, 3R, 12, 4/4X  
NEMA Sizes 0-5, Mag-Break Circuit Breaker Type  
600 Volts Maximum 50/60 Hertz

List Price includes a holding interlock, pressure terminals for the line and load connections, plus a 3-leg block type overload relay (manual reset). All enclosures include external reset. Three heaters should be ordered as separate items. See pages 1-151 to 1-157 for selection. **List price \$9.00 each, GO-10H.**

#### CR387/487 Mag-Break Circuit Breaker Type

| Voltage<br>(60Hz) | NEMA<br>Size | Maximum<br>Horsepower | Continuous<br>Amp<br>Rating | CB<br>Rating<br>(Amps) | NEMA Type 1             |                          | NEMA Type 3R            |                          | NEMA Type 12            |                          | NEMA Type 4/4X          |                          |
|-------------------|--------------|-----------------------|-----------------------------|------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|
|                   |              |                       |                             |                        | Product<br>Number<br>CR | List<br>Price<br>GO-10G1 | Product<br>Number<br>CR | List<br>Price<br>GO-10G1 | Product<br>Number<br>CR | List<br>Price<br>GO-10G1 | Product<br>Number<br>CR | List<br>Price<br>GO-10G1 |
| 200-208           | 0            | 1                     | 18                          | 7                      | 387BT08MB1AAAAA         | \$762.00                 | 487B608MB1AAAAA         | \$906.00                 | 487B208MB1AAAAA         | \$906.00                 | 487B408MB1AAAAA         | \$1338.00                |
| 200-208           | 0            | 3                     | 18                          | 15                     | 387BT08MC1AAAAA         | \$762.00                 | 487B608MC1AAAAA         | \$906.00                 | 487B208MC1AAAAA         | \$906.00                 | 487B408MC1AAAAA         | \$1338.00                |
| 200-208           | 1            | 5                     | 27                          | 25                     | 387CT08ME1AAAAA         | \$792.00                 | 487C608ME1AAAAA         | \$936.00                 | 487C208ME1AAAAA         | \$936.00                 | 487C408ME1AAAAA         | \$1368.00                |
| 200-208           | 1            | 7 1/2                 | 27                          | 40                     | 387CT08MG1AAAAA         | \$792.00                 | 487C608MG1AAAAA         | \$936.00                 | 487C208MG1AAAAA         | \$936.00                 | 487C408MG1AAAAA         | \$1368.00                |
| 200-208           | 2            | 10                    | 45                          | 50                     | 387DT08MH1AAAAA         | \$1122.00                | 487D608MH1AAAAA         | \$1326.00                | 487D208MH1AAAAA         | \$1326.00                | 487D408MH1AAAAA         | \$2010.00                |
| 200-208           | 3            | 15                    | 90                          | 70                     | 487E108MK1AAAAA         | \$1632.00                | 487E608MK1AAAAA         | \$1896.00                | 487E208MK1AAAAA         | \$1896.00                | 487E408MK1AAAAA         | \$3180.00                |
| 200-208           | 3            | 20                    | 90                          | 80                     | 487E108ML1AAAAA         | \$1632.00                | 487E608ML1AAAAA         | \$1896.00                | 487E208ML1AAAAA         | \$1896.00                | 487E408ML1AAAAA         | \$3180.00                |
| 200-208           | 3            | 25                    | 90                          | 100                    | 487E108MN1AAAAA         | \$1632.00                | 487E608MN1AAAAA         | \$1896.00                | 487E208MN1AAAAA         | \$1896.00                | 487E408MN1AAAAA         | \$3180.00                |
| 200-208           | 4            | 30                    | 135                         | 125                    | 487F108MQ1AAAAA         | \$3582.00                | 487F608MQ1AAAAA         | \$4314.00                | 487F208MQ1AAAAA         | \$4314.00                | 487F408MQ1AAAAA         | \$5562.00                |
| 200-208           | 4            | 40                    | 135                         | 150                    | 487F108MR1AAAAA         | \$3582.00                | 487F608MR1AAAAA         | \$4314.00                | 487F208MR1AAAAA         | \$4314.00                | 487F408MR1AAAAA         | \$5562.00                |
| 200-208           | 5            | 75                    | 270                         | 400                    | 387G123CAAA             | \$8307.00                | 387G623CAAA             | \$9627.00                | 387G223CAUA             | \$9627.00                | 387G423CAAA             | \$13359.00               |
| 230-240           | 0            | 1/2                   | 18                          | 3                      | 387BT03MA1AAAAA         | \$762.00                 | 487B603MA1AAAAA         | \$906.00                 | 487B203MA1AAAAA         | \$906.00                 | 487B403MA1AAAAA         | \$1338.00                |
| 230-240           | 0            | 1                     | 18                          | 7                      | 387BT03MB1AAAAA         | \$762.00                 | 487B603MB1AAAAA         | \$906.00                 | 487B203MB1AAAAA         | \$906.00                 | 487B403MB1AAAAA         | \$1338.00                |
| 230-240           | 0            | 3                     | 18                          | 15                     | 387BT03MC1AAAAA         | \$762.00                 | 487B603MC1AAAAA         | \$906.00                 | 487B203MC1AAAAA         | \$906.00                 | 487B403MC1AAAAA         | \$1338.00                |
| 230-240           | 1            | 5                     | 27                          | 25                     | 387CT03ME1AAAAA         | \$792.00                 | 487C603ME1AAAAA         | \$936.00                 | 487C203ME1AAAAA         | \$936.00                 | 487C403ME1AAAAA         | \$1368.00                |
| 230-240           | 1            | 7 1/2                 | 27                          | 30                     | 387CT03MF1AAAAA         | \$792.00                 | 487C603MF1AAAAA         | \$936.00                 | 487C203MF1AAAAA         | \$936.00                 | 487C403MF1AAAAA         | \$1368.00                |
| 230-240           | 2            | 10                    | 45                          | 40                     | 387DT03MG1AAAAA         | \$1122.00                | 487D603MG1AAAAA         | \$1326.00                | 487D203MG1AAAAA         | \$1326.00                | 487D403MG1AAAAA         | \$2010.00                |
| 230-240           | 2            | 15                    | 45                          | 60                     | 387DT03MJ1AAAAA         | \$1122.00                | 487D603MJ1AAAAA         | \$1326.00                | 487D203MJ1AAAAA         | \$1326.00                | 487D403MJ1AAAAA         | \$2010.00                |
| 230-240           | 3            | 20                    | 90                          | 70                     | 487E103MK1AAAAA         | \$1632.00                | 487E603MK1AAAAA         | \$1896.00                | 487E203MK1AAAAA         | \$1896.00                | 487E403MK1AAAAA         | \$3180.00                |
| 230-240           | 3            | 25                    | 90                          | 90                     | 487E103MM1AAAAA         | \$1632.00                | 487E603MM1AAAAA         | \$1896.00                | 487E203MM1AAAAA         | \$1896.00                | 487E403MM1AAAAA         | \$3180.00                |
| 230-240           | 3            | 30                    | 90                          | 100                    | 487E103MN1AAAAA         | \$1632.00                | 487E603MN1AAAAA         | \$1896.00                | 487E203MN1AAAAA         | \$1896.00                | 487E403MN1AAAAA         | \$3180.00                |
| 230-240           | 4            | 40                    | 135                         | 150                    | 487F103MR1AAAAA         | \$3582.00                | 487F603MR1AAAAA         | \$4314.00                | 487F203MR1AAAAA         | \$4314.00                | 487F403MR1AAAAA         | \$5562.00                |
| 230-240           | 4            | 50                    | 135                         | 175                    | 487F103MS1AAAAA         | \$3582.00                | 487F603MS1AAAAA         | \$4314.00                | 487F203MS1AAAAA         | \$4314.00                | 487F403MS1AAAAA         | \$5562.00                |
| 230-240           | 5            | 100                   | 270                         | 400                    | 387G103CAAA             | \$8307.00                | 387G603CAAA             | \$9627.00                | 387G203CAUA             | \$9627.00                | 387G403CAAA             | \$13359.00               |
| 460-480           | 0            | 1                     | 18                          | 3                      | 387BT04MA1AAAAA         | \$762.00                 | 487B604MA1AAAAA         | \$906.00                 | 487B204MA1AAAAA         | \$906.00                 | 487B404MA1AAAAA         | \$1338.00                |
| 460-480           | 0            | 3                     | 18                          | 7                      | 387BT04MB1AAAAA         | \$762.00                 | 487B604MB1AAAAA         | \$906.00                 | 487B204MB1AAAAA         | \$906.00                 | 487B404MB1AAAAA         | \$1338.00                |
| 460-480           | 0            | 5                     | 18                          | 15                     | 387BT04MC1AAAAA         | \$762.00                 | 487B604MC1AAAAA         | \$906.00                 | 487B204MC1AAAAA         | \$906.00                 | 487B404MC1AAAAA         | \$1338.00                |
| 460-480           | 1            | 7 1/2                 | 27                          | 15                     | 387CT04MC1AAAAA         | \$792.00                 | 487C604MC1AAAAA         | \$936.00                 | 487C204MC1AAAAA         | \$936.00                 | 487C404MC1AAAAA         | \$1368.00                |
| 460-480           | 1            | 10                    | 27                          | 20                     | 387CT04MD1AAAAA         | \$792.00                 | 487C604MD1AAAAA         | \$936.00                 | 487C204MD1AAAAA         | \$936.00                 | 487C404MD1AAAAA         | \$1368.00                |
| 460-480           | 2            | 15                    | 45                          | 30                     | 387DT04MF1AAAAA         | \$1122.00                | 487D604MF1AAAAA         | \$1326.00                | 487D204MF1AAAAA         | \$1326.00                | 487D404MF1AAAAA         | \$2010.00                |
| 460-480           | 2            | 20                    | 45                          | 40                     | 387DT04MG1AAAAA         | \$1122.00                | 487D604MG1AAAAA         | \$1326.00                | 487D204MG1AAAAA         | \$1326.00                | 487D404MG1AAAAA         | \$2010.00                |
| 460-480           | 2            | 25                    | 45                          | 50                     | 387DT04MH1AAAAA         | \$1122.00                | 487D604MH1AAAAA         | \$1326.00                | 487D204MH1AAAAA         | \$1326.00                | 487D404MH1AAAAA         | \$2010.00                |
| 460-480           | 3            | 30                    | 90                          | 50                     | 487E104MH1AAAAA         | \$1632.00                | 487E604MH1AAAAA         | \$1896.00                | 487E204MH1AAAAA         | \$1896.00                | 487E404MH1AAAAA         | \$3180.00                |
| 460-480           | 3            | 40                    | 90                          | 70                     | 487E104MK1AAAAA         | \$1632.00                | 487E604MK1AAAAA         | \$1896.00                | 487E204MK1AAAAA         | \$1896.00                | 487E404MK1AAAAA         | \$3180.00                |
| 460-480           | 3            | 50                    | 90                          | 90                     | 487E104MM1AAAAA         | \$1632.00                | 487E604MM1AAAAA         | \$1896.00                | 487E204MM1AAAAA         | \$1896.00                | 487E404MM1AAAAA         | \$3180.00                |
| 460-480           | 4            | 60                    | 135                         | 100                    | 487F104MN1AAAAA         | \$3582.00                | 487F604MN1AAAAA         | \$4314.00                | 487F204MN1AAAAA         | \$4314.00                | 487F404MN1AAAAA         | \$5562.00                |
| 460-480           | 4            | 75                    | 135                         | 125                    | 487F104MQ1AAAAA         | \$3582.00                | 487F604MQ1AAAAA         | \$4314.00                | 487F204MQ1AAAAA         | \$4314.00                | 487F404MQ1AAAAA         | \$5562.00                |
| 460-480           | 4            | 100                   | 135                         | 175                    | 487F104MS1AAAAA         | \$3582.00                | 487F604MS1AAAAA         | \$4314.00                | 487F204MS1AAAAA         | \$4314.00                | 487F404MS1AAAAA         | \$5562.00                |
| 460-480           | 5            | 200                   | 270                         | 400                    | 387G104CAAA             | \$8307.00                | 387G604CAAA             | \$9627.00                | 387G204CAUA             | \$9627.00                | 387G404CAAA             | \$13359.00               |
| 575-600           | 0            | 1                     | 18                          | 3                      | 387BT05MA1AAAAA         | \$762.00                 | 487B605MA1AAAAA         | \$906.00                 | 487B205MA1AAAAA         | \$906.00                 | 487B405MA1AAAAA         | \$1338.00                |
| 575-600           | 0            | 3                     | 18                          | 7                      | 387BT05MB1AAAAA         | \$762.00                 | 487B605MB1AAAAA         | \$906.00                 | 487B205MB1AAAAA         | \$906.00                 | 487B405MB1AAAAA         | \$1338.00                |
| 575-600           | 0            | 5                     | 18                          | 15                     | 387BT05MC1AAAAA         | \$762.00                 | 487B605MC1AAAAA         | \$906.00                 | 487B205MC1AAAAA         | \$906.00                 | 487B405MC1AAAAA         | \$1338.00                |
| 575-600           | 1            | 10                    | 27                          | 15                     | 387CT05MC1AAAAA         | \$792.00                 | 487C605MC1AAAAA         | \$936.00                 | 487C205MC1AAAAA         | \$936.00                 | 487C405MC1AAAAA         | \$1368.00                |
| 575-600           | 2            | 15                    | 45                          | 25                     | 387DT05ME1AAAAA         | \$1122.00                | 487D605ME1AAAAA         | \$1326.00                | 487D205ME1AAAAA         | \$1326.00                | 487D405ME1AAAAA         | \$2010.00                |
| 575-600           | 2            | 20                    | 45                          | 30                     | 387DT05MF1AAAAA         | \$1122.00                | 487D605MF1AAAAA         | \$1326.00                | 487D205MF1AAAAA         | \$1326.00                | 487D405MF1AAAAA         | \$2010.00                |
| 575-600           | 2            | 25                    | 45                          | 40                     | 387DT05MG1AAAAA         | \$1122.00                | 487D605MG1AAAAA         | \$1326.00                | 487D205MG1AAAAA         | \$1326.00                | 487D405MG1AAAAA         | \$2010.00                |
| 575-600           | 3            | 30                    | 90                          | 40                     | 487E105MG1AAAAA         | \$1632.00                | 487E605MG1AAAAA         | \$1896.00                | 487E205MG1AAAAA         | \$1896.00                | 487E405MG1AAAAA         | \$3180.00                |
| 575-600           | 3            | 40                    | 90                          | 60                     | 487E105MJ1AAAAA         | \$1632.00                | 487E605MJ1AAAAA         | \$1896.00                | 487E205MJ1AAAAA         | \$1896.00                | 487E405MJ1AAAAA         | \$3180.00                |
| 575-600           | 3            | 50                    | 90                          | 70                     | 487E105MK1AAAAA         | \$1632.00                | 487E605MK1AAAAA         | \$1896.00                | 487E205MK1AAAAA         | \$1896.00                | 487E405MK1AAAAA         | \$3180.00                |
| 575-600           | 4            | 60                    | 135                         | 80                     | 487F105ML1AAAAA         | \$3582.00                | 487F605ML1AAAAA         | \$4314.00                | 487F205ML1AAAAA         | \$4314.00                | 487F405ML1AAAAA         | \$5562.00                |
| 575-600           | 4            | 75                    | 135                         | 100                    | 487F105MN1AAAAA         | \$3582.00                | 487F605MN1AAAAA         | \$4314.00                | 487F205MN1AAAAA         | \$4314.00                | 487F405MN1AAAAA         | \$5562.00                |
| 575-600           | 4            | 100                   | 135                         | 150                    | 487F105MR1AAAAA         | \$3582.00                | 487F605MR1AAAAA         | \$4314.00                | 487F205MR1AAAAA         | \$4314.00                | 487F405MR1AAAAA         | \$5562.00                |
| 575-600           | 5            | 125                   | 270                         | 400                    | 387G105BAAA             | \$8307.00                | 387G605BAAA             | \$9627.00                | 387G205BAUA             | \$9627.00                | 387G405BAAA             | \$13359.00               |
| 575-600           | 5            | 200                   | 270                         | 400                    | 387G105CAAA             | \$8307.00                | 387G605CAAA             | \$9627.00                | 387G205CAUA             | \$9627.00                | 387G405CAAA             | \$13359.00               |

- NEMA Size 5 starters with 115-120Volt, 60 Hertz coil for separate control are available at listed prices. To order, replace Digits 8 and 9 of listed Product Numbers with 02.  
Example: --CR487C208MG1AAAAA with 115-120 Volt, 60 Hertz coil for separate control becomes CR487C202MG1AAAAA.
- Motor full load current should not exceed continuous ampere rating of starter.

# NEMA Full Voltage Power Devices

## NEMA Rated Full Voltage Starters - Magnetic

### CR387 Mag-Break Magnetic Starters

## Section 1

Nonreversing, Combination, Mag-Break Circuit Breaker Type

Part Number Configuration

Valid for NEMA sizes 0-2, Type 1 Standard Enclosure

|         |   |   |   |        |   |   |   |        |   |    |    |        |        |        |        |        |        |        |
|---------|---|---|---|--------|---|---|---|--------|---|----|----|--------|--------|--------|--------|--------|--------|--------|
| Digits: | 1 | 2 | 3 | 4      | 5 | 6 | 7 | 8      | 9 | 10 | 11 | 12     | 13     | 14     | 15     | 16     | 17     |        |
|         | C | R |   |        |   |   |   |        |   |    |    |        |        |        |        |        |        |        |
| Steps:  |   |   |   | Step 1 |   |   |   | Step 2 |   |    |    | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | Step 8 | Step 9 |

To configure the part number, use the tables below to fill in the digit boxes with the appropriate code. Add list price from each step to arrive at total list for price for starter.

#### Step 1 (Digits 1-7) Select NEMA Size and Enclosure

| NEMA Size | NEMA Type 1        |            |
|-----------|--------------------|------------|
|           | Standard Enclosure | List Price |
|           | CR                 | GO-10G1    |
| 0         | 387BT              | \$762.00   |
| 1         | 387CT              | \$792.00   |
| 2         | 387DT              | \$1122.00  |

Note: All enclosures include external overload reset buttons.

#### Step 2 (Digits 8, 9) Select Control Voltage

| Control Circuit Voltage & CPT | No CPT | List Price GO-10G1 | Control Fuses, No CPT | List Price GO-10G1 | Standard Size CPT | NEMA Size          |                    |                    | Standard Size CPT + 100VA | NEMA Size          |                    |                    |
|-------------------------------|--------|--------------------|-----------------------|--------------------|-------------------|--------------------|--------------------|--------------------|---------------------------|--------------------|--------------------|--------------------|
|                               |        |                    |                       |                    |                   | 0                  | 1                  | 2                  |                           | 0                  | 1                  | 2                  |
|                               |        |                    |                       |                    |                   | List Price GO-10G1 | List Price GO-10G1 | List Price GO-10G1 |                           | List Price GO-10G1 | List Price GO-10G1 | List Price GO-10G1 |
| 120V w/ Surge Protector (SP)  | 01     | \$54.00            | F1                    | \$132.00           | -                 |                    |                    |                    | -                         |                    |                    |                    |
| 120V                          | 02     | \$0.00             | F2                    | \$132.00           | -                 |                    |                    |                    | -                         |                    |                    |                    |
| 240V                          | 03     | \$0.00             | F3                    | \$132.00           | -                 |                    |                    |                    | -                         |                    |                    |                    |
| 480V                          | 04     | \$0.00             | F4                    | \$132.00           | -                 |                    |                    |                    | -                         |                    |                    |                    |
| 600V                          | 05     | \$0.00             | F5                    | \$132.00           | -                 |                    |                    |                    | -                         |                    |                    |                    |
| 208V                          | 08     | \$0.00             | F8                    | \$132.00           | -                 |                    |                    |                    | -                         |                    |                    |                    |
| 24V                           | 09     | \$0.00             | -                     |                    | -                 |                    |                    |                    | -                         |                    |                    |                    |
| 240V/120V w/CPT               | -      |                    | -                     |                    | 93                | \$294.00           | \$294.00           | \$352.00           | 13                        | \$420.00           | \$420.00           | \$504.00           |
| 480V/120V w/CPT               | -      |                    | -                     |                    | 94                | \$294.00           | \$294.00           | \$352.00           | 14                        | \$420.00           | \$420.00           | \$504.00           |
| 600V/120V w/CPT               | -      |                    | -                     |                    | 95                | \$294.00           | \$294.00           | \$352.00           | 15                        | \$420.00           | \$420.00           | \$504.00           |
| 208V/120V w/CPT               | -      |                    | -                     |                    | 98                | \$294.00           | \$294.00           | \$352.00           | 18                        | \$420.00           | \$420.00           | \$504.00           |
| 240V/120V w/CPT & SP          | -      |                    | -                     |                    | 33                | \$348.00           | \$348.00           | \$406.00           | 53                        | \$474.00           | \$474.00           | \$558.00           |
| 480V/120V w/CPT & SP          | -      |                    | -                     |                    | 34                | \$348.00           | \$348.00           | \$406.00           | 54                        | \$474.00           | \$474.00           | \$558.00           |
| 600V/120V w/CPT & SP          | -      |                    | -                     |                    | 35                | \$348.00           | \$348.00           | \$406.00           | 55                        | \$474.00           | \$474.00           | \$558.00           |
| 208V/120V w/CPT & SP          | -      |                    | -                     |                    | 38                | \$348.00           | \$348.00           | \$406.00           | 58                        | \$474.00           | \$474.00           | \$558.00           |
| 240V/24V w/CPT                | -      |                    | -                     |                    | S3                | \$294.00           | \$294.00           | \$352.00           | A3                        | \$420.00           | \$420.00           | \$504.00           |
| 480V/24V w/CPT                | -      |                    | -                     |                    | S4                | \$294.00           | \$294.00           | \$352.00           | A4                        | \$420.00           | \$420.00           | \$504.00           |
| 600V/24V w/CPT                | -      |                    | -                     |                    | S5                | \$294.00           | \$294.00           | \$352.00           | A5                        | \$420.00           | \$420.00           | \$504.00           |
| 208V/24V w/CPT                | -      |                    | -                     |                    | S8                | \$294.00           | \$294.00           | \$352.00           | A8                        | \$420.00           | \$420.00           | \$504.00           |

Note: CPT includes 2 primary fuses and 1 secondary fuse.

#### Step 3 (Digits 10, 11) Select Protective Device

#### Mag-Break Circuit Breaker - Spectra™ Series

| NEMA Size | 200-208V |                  |      |                    | 230-240V |                  |      |                    | 460-480V |                  |      |                    | 575-600V |                  |      |                    |        |
|-----------|----------|------------------|------|--------------------|----------|------------------|------|--------------------|----------|------------------|------|--------------------|----------|------------------|------|--------------------|--------|
|           | Max Hp   | CB Rating (Amps) | Code | List Price GO-10G1 | Max Hp   | CB Rating (Amps) | Code | List Price GO-10G1 | Max Hp   | CB Rating (Amps) | Code | List Price GO-10G1 | Max Hp   | CB Rating (Amps) | Code | List Price GO-10G1 |        |
| 0         |          | 3                | MA   | \$0.00             | 1/2      | 3                | MA   | \$0.00             | 1        | 3                | MA   | \$0.00             | 1        | 3                | MA   | \$0.00             |        |
|           |          | 1                | 7    | MB                 | \$0.00   | 1                | 7    | MB                 | \$0.00   | 3                | 7    | MB                 | \$0.00   | 3                | 7    | MB                 | \$0.00 |
|           |          | 3                | 15   | MC                 | \$0.00   | 3                | 15   | MC                 | \$0.00   | 5                | 15   | MC                 | \$0.00   | 5                | 15   | MC                 | \$0.00 |
| 1         |          | 15               | MC   | \$0.00             |          | 15               | MC   | \$0.00             | 7 1/2    | 15               | MC   | \$0.00             | 10       | 15               | MC   | \$0.00             |        |
|           |          | 20               | MD   | \$0.00             |          | 20               | MD   | \$0.00             | 10       | 20               | MD   | \$0.00             |          | 20               | MD   | \$0.00             |        |
|           |          | 5                | 25   | ME                 | \$0.00   | 5                | 25   | ME                 | \$0.00   |                  | 25   | ME                 | \$0.00   |                  | 25   | ME                 | \$0.00 |
|           |          | 30               | MF   | \$0.00             | 7 1/2    | 30               | MF   | \$0.00             |          | 30               | MF   | \$0.00             |          | 30               | MF   | \$0.00             |        |
|           |          | 7 1/2            | 40   | MG                 | \$0.00   |                  | 40   | MG                 | \$0.00   |                  | 40   | MG                 | \$0.00   |                  | 40   | MG                 | \$0.00 |
| 2         |          | 25               | ME   | \$0.00             |          | 25               | ME   | \$0.00             |          | 25               | ME   | \$0.00             | 15       | 25               | ME   | \$0.00             |        |
|           |          | 30               | MF   | \$0.00             |          | 30               | MF   | \$0.00             | 15       | 30               | MF   | \$0.00             | 20       | 30               | MF   | \$0.00             |        |
|           |          | 40               | MG   | \$0.00             | 10       | 40               | MG   | \$0.00             | 20       | 40               | MG   | \$0.00             | 25       | 40               | MG   | \$0.00             |        |
|           | 10       | 50               | MH   | \$0.00             |          | 50               | MH   | \$0.00             | 25       | 50               | MH   | \$0.00             |          | 50               | MH   | \$0.00             |        |
|           |          | 60               | MJ   | \$0.00             | 15       | 60               | MJ   | \$0.00             |          | 60               | MJ   | \$0.00             |          | 60               | MJ   | \$0.00             |        |

# NEMA Full Voltage Power Devices

## NEMA Rated Full Voltage Starters - Magnetic

### CR387 Mag-Break Magnetic Starters

## Section 1

Nonreversing, Combination, Mag-Break Circuit Breaker Type

Part Number Configuration

Valid for NEMA sizes 0-2, Type 1 Standard Enclosure

#### Step 4 (Digit 12) Select Overload Relay

| Overload Relay                                    | Code | List Price<br>GO-10G1 |
|---------------------------------------------------|------|-----------------------|
| Thermal Bi-Metallic Non-compensated (1NC)         | 1    | \$0.00                |
| Thermal Bi-Metallic Non-compensated (1NO-1NC)     | 2    | \$24.00               |
| Thermal Bi-Metallic Ambient Compensated (1NC)     | 3    | \$27.00               |
| Thermal Bi-Metallic Ambient Compensated (1NO-1NC) | 4    | \$51.00               |
| Solid State Overload (1NO-1NC)                    | (#)  | \$27.00               |

(#) Select Code for Solid State Overload amp rating from Standard or Optional Ranges below.

#### Solid State Overload Relay - Standard Range

| NEMA<br>Size | OL Range   | 200-208V |      | 230-240V |      | 460-480V |      | 575-600V |      |
|--------------|------------|----------|------|----------|------|----------|------|----------|------|
|              |            | Max Hp   | Code | Max Hp   | Code | Max Hp   | Code | Max Hp   | Code |
| 0            | 0.8 - 1.7  |          |      |          |      | 3/4      | D    | 1        | D    |
|              | 1.6 - 3.4  | 1/2      | E    | 3/4      | E    | 2        | E    | 2        | E    |
|              | 3.2 - 6.8  | 1        | F    | 2        | F    | 3        | F    | 5        | F    |
|              | 6.5 - 13.5 | 3        | G    | 3        | G    | 5        | G    |          |      |
| 1            | 6.5 - 13.5 |          |      |          |      | 7 1/2    | G    | 10       | G    |
|              | 13 - 27    | 7 1/2    | H    | 7 1/2    | H    | 10       | H    |          |      |
| 2            | 13 - 27    |          |      |          |      | 20       | H    | 25       | H    |
|              | 25 - 50    | 10       | J    | 15       | J    | 25       | J    |          |      |

#### Optional Ranges

| OL Amp Range | NEMA SIZE |   |
|--------------|-----------|---|
|              | 0 & 1     | 2 |
| 0.4 - 0.85   | C         | - |
| 0.8 - 1.7    | D         | - |
| 1.6 - 3.4    | E         | - |
| 3.2 - 6.8    | F         | - |
| 6.5 - 13.5   | G         | G |
| 13 - 27      | H         | H |
| 25 - 50      | -         | J |
| 17 - 35      | -         | - |
| 35 - 70      | -         | - |
| 65 - 135     | -         | - |

#### Step 5 (Digit 13) Select Auxiliary Contacts

| Aux Contacts | Code           | List Price<br>GO-10G1 |
|--------------|----------------|-----------------------|
| None         | A              | \$0.00                |
| 1NO          | B              | \$66.00               |
| 1NC          | C              | \$66.00               |
| 1NO-1NC      | D              | \$132.00              |
| 2NO          | E              | \$132.00              |
| 2NC          | F              | \$132.00              |
| 2NO-1NC      | G              | \$198.00              |
| 1NO-2NC      | H              | \$198.00              |
| 3NO          | J              | \$198.00              |
| 3NC          | K              | \$198.00              |
| 4NO          | L <sup>1</sup> | \$264.00              |
| 4NC          | M <sup>1</sup> | \$264.00              |
| 2NO-2NC      | N <sup>1</sup> | \$264.00              |
| 3NO-1NC      | P <sup>1</sup> | \$264.00              |
| 1NO-3NC      | R <sup>1</sup> | \$264.00              |

<sup>1</sup>Exceeds maximum number of contacts for some pilot light selections. See Step 8 (Digit 16) Table, page 1-54.

#### Step 6 (Digit 14) Select Monitoring Options

| Device            | Code | List Price<br>GO-10G1 |
|-------------------|------|-----------------------|
| None <sup>2</sup> | A    | \$0.00                |

<sup>2</sup>Phase Failure Relay is not available for CR387 series standard enclosures.  
If this is required for your application, use CR487 series oversized enclosure.  
See page 1-55.

#### Step 7 (Digit 15) Select Push Button/Selector Switch

| Push Button/Selector Switch - Heavy Duty | Code | List Price<br>GO-10G1 |
|------------------------------------------|------|-----------------------|
| None                                     | A    | \$0.00                |
| Start/Stop Push Button                   | J    | \$132.00              |
| Hand-Off-Auto (HOA) Selector Switch      | L    | \$132.00              |
| Off-On Selector Switch                   | M    | \$132.00              |
| HOA SS & Start Push Button               | S    | \$264.00              |
| Keyed HOA SS, Key Removal Center Pos.    | N    | \$168.00              |

# NEMA Full Voltage Power Devices

## NEMA Rated Full Voltage Starters - Magnetic

### CR387 Mag-Break Magnetic Starters

## Section 1

Nonreversing, Combination, Mag-Break Circuit Breaker Type

Part Number Configuration

Valid for NEMA sizes 0-2, Type 1 Standard Enclosure

#### Step 8 (Digit 16) Select Pilot Device

| Pilot Light (Heavy Duty)<br>Type | Color - Functionality                                           | Code           | List Price<br>GO-10G1 |
|----------------------------------|-----------------------------------------------------------------|----------------|-----------------------|
| None                             |                                                                 | A              | \$0.00                |
| Standard Lights                  | Red - Across Coil                                               | J              | \$162.00              |
|                                  | Green - Across Coil                                             | K              | \$162.00              |
|                                  | Red - Thru NO Aux Contact                                       | M <sup>3</sup> | \$228.00              |
|                                  | Green - Thru NC Aux Contact                                     | N <sup>3</sup> | \$228.00              |
|                                  | Red - Thru NO Aux Contact & Green - Thru NC Aux Contact         | U <sup>4</sup> | \$456.00              |
|                                  | Red - Across Coil & Green - Thru NC Aux Contact                 | T <sup>3</sup> | \$390.00              |
|                                  | Red - Across Coil & Green - Thru NC Aux Contact & Unwired Amber | X <sup>3</sup> | \$552.00              |
| LED Lights                       | Red - Across Coil                                               | 1              | \$162.00              |
|                                  | Green - Across Coil                                             | 2              | \$162.00              |
|                                  | Red - Thru NO Aux Contact                                       | 3 <sup>3</sup> | \$228.00              |
|                                  | Green - Thru NC Aux Contact                                     | 4 <sup>3</sup> | \$228.00              |
|                                  | Red - Thru NO Aux Contact & Green - Thru NC Aux Contact         | 5 <sup>4</sup> | \$456.00              |
|                                  | Red - Across Coil & Green - Thru NC Aux Contact                 | 6 <sup>3</sup> | \$390.00              |
|                                  | Red - Across Coil & Green - Thru NC Aux Contact & Unwired Amber | 7 <sup>3</sup> | \$552.00              |
| Push-To-Test Lights              | Red - Across Coil                                               | R              | \$180.00              |
|                                  | Green - Across Coil                                             | S              | \$180.00              |
|                                  | Red - Thru NO Aux Contact                                       | C <sup>3</sup> | \$246.00              |
|                                  | Green - Thru NC Aux Contact                                     | D <sup>3</sup> | \$246.00              |
|                                  | Red - Thru NO Aux Contact & Green - Thru NC Aux Contact         | E <sup>4</sup> | \$492.00              |
|                                  | Red - Across Coil & Green - Thru NC Aux Contact                 | V <sup>3</sup> | \$426.00              |
|                                  | Red - Across Coil & Green - Thru NC Aux Contact & Unwired Amber | Y <sup>3</sup> | \$606.00              |

<sup>3</sup>Maximum of 3 Aux contacts may be added to Sizes 0 & 1.

<sup>4</sup>Maximum of 2 Aux contacts may be added to Sizes 0 & 1. Maximum of 3 Aux contacts may be added to Sizes 2-4.

Note: Auxiliary contacts wired as part of pilot light selection are in addition to the auxiliary contacts selected from Step 5 (Digit 13) Table, page 1-53, which are for customer/field connections.

#### Step 9 (Digit 17) Select Control Options

| Device | Code | List Price<br>GO-10G1 |
|--------|------|-----------------------|
| None   | A    | \$0.00                |

#### GENERAL NOTE:

If selecting factory installed and wired operator devices (Push Buttons, Selector Switches, and/or Pilot Lights) control circuit fusing, a control power transformer, or 24V/120V separate sourced control is required, regardless of protective device rating.