

Molded Case Circuit Breakers

# ND-Frame Sentron™ Series Circuit Breaker

2 & 3-Pole; 800-1200 Amperes



### Ratings & Markings (UL 489 AIR Interrupting Ratings)

| Breaker Type | RMS Symmetrical Amperes (kA) |     |     |          |          |              | Frame Only     |                |  |
|--------------|------------------------------|-----|-----|----------|----------|--------------|----------------|----------------|--|
|              | Volts AC (50/60Hz)           |     |     | Volts DC |          | Breaker Type | Frame (2-Pole) | Frame (3-Pole) |  |
|              | 240                          | 480 | 600 | 250      | 500      |              |                |                |  |
| ND6, NXD6    | 65                           | 50  | 25  | 30 (2-P) | 25 (3-P) | ND6          | ND62F120       | ND63F120       |  |
| HND6, HNXD6  | 100                          | 65  | 50  | 30 (2-P) | 50 (3-P) | HND6         | —              | HND63F120      |  |
| CND6         | 200                          | 100 | 65  | —        | 50 (3-P) | —            | —              | —              |  |

### Dimensions

| Breaker Type                 | Length | Width | Depth | D-1 (to handle) |
|------------------------------|--------|-------|-------|-----------------|
| ND6, NXD6, HND6, HNXD6, CND6 | 16 in. | 9 in. | 6 in. | 8.25 in.        |
| With NDTs lug shield         | 24 in. | 9 in. | 6 in. | 8.25 in.        |

### Frames

| Trip Amperage | Poles | Breaker-Type Non-interchangeable Trip |            | Breaker-Type Interchangeable Trip |          | Trip Unit Only |
|---------------|-------|---------------------------------------|------------|-----------------------------------|----------|----------------|
|               |       | NXD6                                  | HNXD6      | HND6                              | ND6      | ND6            |
| 800           | 2     | —                                     | —          | —                                 | ND62B800 | MD62T800       |
| 900           | 2     | NXD62B900                             | —          | —                                 | ND62B900 | ND62T900       |
| 1000          | 2     | NXD62B100                             | —          | —                                 | ND62B100 | ND62T100       |
| 1200          | 2     | NXD62B120                             | —          | —                                 | ND62B120 | ND62T120       |
| 800           | 3     | —                                     | —          | HND63B800                         | ND63B800 | MD63T800       |
| 900           | 3     | NXD63B900                             | HNXD63B900 | HND63B900                         | ND63B900 | ND63T900       |
| 1000          | 3     | NXD63B100                             | HNXD63B100 | HND63B100                         | ND63B100 | ND63T100       |
| 1200          | 3     | NXD63B120                             | HNXD63B120 | HND63B120                         | ND63B120 | ND63T120       |

### Frames - Molded Case Switch - Circuit Disconnect

| Ampere Rating | Poles | NXD6       | CND6       |
|---------------|-------|------------|------------|
| 1200          | 3     | NXD63S120A | CND63S120A |

## Lugs For 75°C Wire

| Catalog Number                            | Cables Per Lug | Wire Range          |
|---|----------------|---------------------|
| TA2K500                                   | 2              | #1-500 kcmil Cu/Al  |
| TA3K500                                   | 3              | #1-500 kcmil Cu/Al  |
| TC2K500                                   | 2              | #1-500 kcmil Cu     |
| TC3K350                                   | 3              | #1-350 kcmil Cu     |
| <b>Kits (2 Kits required per breaker)</b> |                |                     |
| 2TA4P8500<br>3TA4P8500                    | 4              | 250–500 kcmil Cu/Al |
| 2TA4N8500<br>3TA4N8500                    | 4              | 250–500 kcmil Cu/Al |
| 2TA2N8750<br>3TA2N8750                    | 2              | 500–750 kcmil Cu/Al |
| 2TA3N8750<br>3TA3N8750                    | 3              | 500–750 kcmil Cu/Al |

## Shunt Trip Combinations

| Control Voltage |     | 1 Shunt Trip   | 1 Shunt Trip and 1 Auxiliary Switch |
|-----------------|-----|----------------|-------------------------------------|
| AC              | DC  | Catalog Number | Catalog Number                      |
| 120             | —   | S01MN6         | S01MN64A                            |
| 208             | —   | S02MN6         | —                                   |
| 240             | —   | S03MN6         | S03MN64A                            |
| 277             | —   | S15MN6         | S15MN64A                            |
| 480             | —   | S04MN6         | S04MN64A                            |
| 600             | —   | S06MN6         | —                                   |
| —               | 12  | S16MN6         | S16MN64A                            |
| —               | 24  | S07MN6         | S07MN64A                            |
| —               | 48  | S09MN6         | —                                   |
| —               | 125 | S11MN6         | S11MN64A                            |
| —               | 250 | S13MN6         | S13MN64A                            |

## Auxiliary Switch Combinations

| Maximum Voltage |     | 1 Form C       | 2 Form C       |
|-----------------|-----|----------------|----------------|
| AC              | DC  | Catalog Number | Catalog Number |
| 480             | 250 | A01MN64        | A02MN64        |
| —               | 12  | A01MNDLV       | A02MNDLV       |

## Alarm Switch Combinations

| Maximum Voltage |     | 1 Alarm Switch | 1 Alarm Switch and 1 Auxiliary Switch | 1 Alarm Switch and 2 Auxiliary Switches |
|-----------------|-----|----------------|---------------------------------------|---|
| AC              | DC  | Catalog Number | Catalog Number                        | Catalog Number                          |
| 480             | 250 | B00MN64        | A01MN64B                              | A02MN64B                                |

## Undervoltage Trip Combinations

| Control Voltage |     | 1 Undervoltage Trip | 1 Undervoltage Trip and 1 Auxiliary Switch | 1 Undervoltage Trip and 2 Auxiliary Switches |
|-----------------|-----|---------------------|--|--|
| AC              | DC  | Catalog Number      | Catalog Number                             | Catalog Number                               |
| 120             | —   | U01MN6              | U01MN64A                                   | U01MN64AA                                    |
| 208             | —   | U02MN6              | U02MN64A                                   | U02MN64AA                                    |
| 240             | —   | U03MN6              | U03MN64A                                   | U03MN64AA                                    |
| 277             | —   | U15MN6              | U15MN64A                                   | U15MN64AA                                    |
| 480             | —   | U04MN6              | U04MN64A                                   | U04MN64AA                                    |
| 600             | —   | U06MN6              | —  | —  |
| —               | 24  | U07MN6              | U07MN64A                                   | U07MN64AA                                    |
| —               | 48  | U09MN6              | U09MN64A                                   | U09MN64AA                                    |
| —               | 125 | U11MN6              | U11MN64A                                   | U11MN64AA                                    |
| —               | 250 | U13MN6              | U13MN64A                                   | U13MN64AA                                    |

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