



# Molded Case Circuit Breakers

Selection

## ND 1200A Frame Sentron Series

16

Molded Case  
Circuit Breakers

### Type NXD6<sup>①</sup>

BLUE LABEL

Non-Interchangeable Trip (Assembled Circuit Breaker Without Lugs)				
Continuous Current Rating @ 40°C	2-Pole 600V AC 250V DC		3-Pole 600V AC 500V DC	
	Catalog Number	List Price <sup>®</sup>	Catalog Number	List Price <sup>®</sup>
900	NXD62B900		NXD63B900	
1000	NXD62B100		NXD63B100	
1200	NXD62B120		NXD63B120	

### Type ND6

BLUE LABEL

Interchangeable Trip						
Continuous Current Rating @ 40°C	Complete Breaker Unassembled with Lugs		Frame Only		Trip Unit Only	
	Catalog Number	List Price <sup>®</sup>	Catalog Number	List Price <sup>®</sup>	Catalog Number	List Price <sup>®</sup>

#### 2-Pole 600V AC, 250V DC<sup>②</sup>

800	ND62B800		ND62F120		MD62T800	
900	ND62B900			MD62T900		
1000	ND62B100			ND62T100		
1200	ND62B120			ND62T120		

#### 3-Pole 600V AC, 500V DC<sup>③</sup>

800	ND63B800		ND63F120		MD63T800	
900	ND63B900			ND63T900		
1000	ND63B100			ND63T100		
1200	ND63B120			ND63T120		

### Interrupting Ratings

Breaker Type	RMS Symmetrical Amperes (KA)										
	UL 489 A IR						IEC 947-2				
	Volts AC			Volts DC			Volts AC (50/60HZ)				
	240	480	600	250	500 <sup>⑤</sup>	220/240	380/415	500	(lcs)	(lcs)	
ND6, NXD6	65	50	25	30 (2-P)	25 (3-P)	65	33	40	20	30	15
HND6, HNXD6	100	65	50	30 (2-P)	50 (3-P)	100	50	65	33	42	21
CND6	200	100	65	30 (2-P)	50 (3-P)	200	100	100	50	65	33

### Instantaneous Adjustment Trip Range

Breaker Ampere Rating	Nominal Instantaneous Values							
	Low	2	3	4	5	6	7	High
800	4000	4570	5140	5710	6280	6850	7420	8000
900-1200	5000	5715	6430	7145	7860	8575	9290	10000

Note: ND frame qualified to UL489 supplement B "NAVAL". See page 857 for additional information.

- ①NXD6 circuit breakers are UL listed for reverse connection applications.
- ②2-pole units available in 3-pole width only.
- ③When wired as shown on page 815, this circuit breaker is UL listed and rated for use on 500UDC ungrounded UPS systems only.
- ④Use 6 connectors for 3-pole, use 4 connectors for 2-pole.
- ⑤Use 2 - 3TA4P8500 kits for 3-pole, or 2 - 2TA4P8500 kits for 2-pole. Rated for 90°C cable. Use for 100% rated breakers.
- ⑥Use 2 - 3TA4N8500 for 3-pole or 2 - 2TA4N8500 for 2-pole. Rated for 75°C cable.
- ⑦Molded case circuit breakers having a rated ampacity of 125 amperes or less are to be connected with 60 or 75°C wire. Circuit breakers having a rated ampacity greater than 125 amperes shall only be cabled with 75°C cable unless otherwise indicated on the circuit breaker label. Exceptions to this rule are outlined in article 110-14 C(1)(2) of the 1996 National Electrical Code.
- ⑧80% rated breakers with the CE mark will also be marked in the 100% rated version.
- ⑨Consult Sales Office for pricing.

### Ordering Information

- ▶ **Complete Breaker Unassembled with Lugs**  
Prices of ND6 and HND6 breakers include frame, trip, and both line and load lugs (3TA4N8500). These catalog numbers are the frame, trip and lugs separately packaged. For applications requiring different lugs, order individual items as needed.
- ▶ **Complete Breaker Assembled without Lugs**  
Prices of NXD6, HNXD6 and CND6 include frame with non-interchangeable trip units installed only. Order required terminal connectors separately. For line and load lugs (3TA4N8500) installed, add suffix "L" to catalog number (add 2 times list price of lug kit).  
▶ **100% Rated<sup>®</sup>**  
Types NXD6, HNXD6 and CND6 breakers are available with 100% ratings. To order, suffix "H" to catalog number, and add 10% to list price. 100% rated ND breakers require 90°C Cu cable and lug kit 3TA4P8500.  
▶ **50°C Applications** see page 857.  
▶ **400Hz Applications** see page 857.

### Lugs<sup>⑦</sup>

Catalog Number	Cables per Lug	Wire Range	List Price <sup>®</sup>
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	
Kits (2 Kits required per breaker)			
2TA4P8500 <sup>⑥</sup>	4	250-500 kcmil Cu/Al	
3TA4P8500 <sup>⑥</sup>			
2TA4N8500 <sup>⑥</sup>	4	250-500 kcmil Cu/Al	
3TA4N8500 <sup>⑥</sup>			
2TA2N8750	2	600-750 kcmil Cu/Al	
3TA2N8750			
2TA3N8750	3	500-750 kcmil Cu/Al	
3TA3N8750			

### Enclosures

Type	Catalog Number	List Price <sup>®</sup>
1	MND61	
3R	MND63	
12	MND612	
Neutral	W63623	

Modifications page 857  
Accessories pages 854-872

Built to order. Allow 2 weeks for production.

840



# Molded Case Circuit Breakers

Selection / Dimensions

## ND 1200A Frame Sentron Series

16

Molded Case  
Circuit Breakers

### Type HNXD6<sup>①</sup>

BLACK LABEL

Non-Interchangeable Trip (Assembled Circuit Breaker Without Lugs)				
Continuous Current Rating @ 40°C	2-Pole 600V AC 250V DC		3-Pole 600V AC 500V DC	
	Catalog Number	List Price <sup>④</sup>	Catalog Number	List Price <sup>④</sup>
900	HNXD62B900		HNXD63B900	
1000	HNXD62B100		HNXD63B100	
1200	HNXD62B120		HNXD63B120	

### Type HND6

BLACK LABEL

Interchangeable Trip						
Continuous Current Rating @ 40°C	Complete Breaker Unassembled with Lugs		Frame Only		Trip Unit Only	
	Catalog Number	List Price <sup>④</sup>	Catalog Number	List Price <sup>④</sup>	Catalog Number	List Price <sup>④</sup>

### 2-Pole 600V AC, 250V DC<sup>②</sup>

800	For 2-pole application use outside poles of 3-pole circuit breaker
900	
1000	
1200	

### 3-Pole 600V AC, 500V DC<sup>③</sup>

800	HND63B800				MD63T800
900	HND63B900				ND63T900
1000	HND63B100	HND63F120			ND63T100
1200	HND63B120				ND63T120

### Type CND6

#### Fuseless Current Limiting

RED LABEL

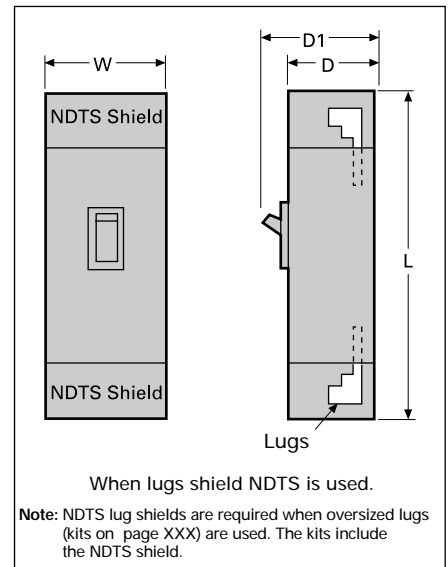
Non-Interchangeable Trip (Assembled Circuit Breaker)			
Continuous Current Rating @ 40°C	2-Pole	3-Pole	
		Catalog Number	List Price <sup>④</sup>
900	For 2-pole application, use outside poles of 3-pole circuit breaker	CND63B900	
1000		CND63B100	
1200		CND63B120	

### Shipping Weights

Number of Poles	Number per Carton	Shipping Weight (lbs.)
<b>ND6, HND6, NXD6, HNXD6, CND6 Assembled Breaker (less terminals)</b>		
2	1	53
3	1	61.5
<b>ND6, HND6 Frame Only</b>		
2	1	42.25
3	1	46
<b>ND6, HND6 Trip Unit Only</b>		
2	1	4.5
3	1	6.5

For inches / millimeters conversion, see page 935.

- ①HNXD6 circuit breakers are UL Listed for reverse connection applications.
- ②2-pole units available in 3-pole width only.
- ③When wired as shown on page 815, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems only.
- ④Consult Sales Office for pricing.



### Dimensions (in inches)

Breaker Type	W	L	D	D1
ND6, NXD6, HND6, HNXD6, CND6	9	16	6	8.25
with NDTs lug shield	9	29	6	8.25

Built to order. Allow 2 weeks for production.

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