

Molded Case Circuit Breakers

ND 1200A Frame Sentron Series

Selection/Dimensions

Type NXD6^{①②}

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 \$	Catalog Number	List Price \$
900	NXD62B900■		NXD63B900	
1000	NXD62B100■		NXD63B100	
1200	NXD62B120■		NXD63B120	

Type ND6^③

Blue Label

Interchangeable Trip						
Continuous Current Rating @ 40°C	Complete Breaker Unassembled with Lugs		Frame Only		Trip Unit Only	
	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$

2-Pole 600V AC, 250V DC^②

800	ND62B800■		ND62F120		MD62T800■	
900	ND62B900■			MD62T900■		
1000	ND62B100■			MD62T100■		
1200	ND62B120			MD62T120		

3-Pole 600V AC, 500V DC^③

800	ND63B800		ND63F120		MD63T800	
900	ND63B900			MD63T900		
1000	ND63B100			MD63T100		
1200	ND63B120			MD63T120		

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 ^④	220/240		380/415		500	
						(lcu)	(lcs)	(lcu)	(lcs)	(lcu)	(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

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^⑤

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

400Hz Applications

Lugs^⑦

Catalog Number	Cables per Lug	Wire Range	List Price \$
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 ^⑧	4	250-500 kcmil Cu/Al	
3TA4P8500 ^⑧			
2TA4N8500 ^⑧	4	250-500 kcmil Cu/Al	
3TA4N8500 ^⑧			
2TA2N8750	2	600-750 kcmil Cu/Al	
3TA2N8750			
2TA3N8750	3	500-750 kcmil Cu/Al	
3TA3N8750			

Enclosures

Type	Catalog Number	List Price \$
1	MND61	
3R	MND63	
12	MND612■	
Neutral	W63623	

■ Built to order. Allow 2-3 weeks for delivery.

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 11/3, this circuit breaker is UL listed and rated for use on 500VDC 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.

⑦See **Note: A**, page 11/62.

⑧80% rated breakers with the CE mark will also be marked in the 100% rated version.

⑨HACR rated.

Modifications page 11/65

Accessories pages 11/42 and 11/67 to 11/72

Molded Case Circuit Breakers

ND 1200A Frame Sentron Series

Selection

Type HNXD6^{①④}

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 \$	Catalog Number	List Price \$
900 1000 1200	For 2-pole application use outside poles of 3-pole circuit breaker		HNXD63B900 HNXD63B100 HNXD63B120	



Type HND6^④

Black Label

Interchangeable Trip						
Continuous Current Rating @ 40°C	Complete Breaker Unassembled with Lugs		Frame Only		Trip Unit Only	
	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$

2-Pole 600V AC, 250V DC^②

800 900 1000 1200	For 2-pole application use outside poles of 3-pole circuit breaker					
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3-Pole 600V AC, 500V DC^③

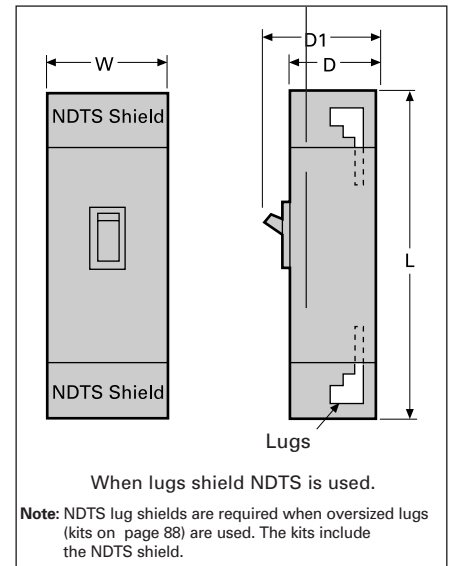
800 900 1000 1200	HND63B800 HND63B900 HND63B100 HND63B120		HND63F120		MD63T800 ND63T900 ND63T100 ND63T120	
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Type CND6^④

Fuseless Current Limiting

Red Label

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



Shipping Weights

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

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

For inches / millimeters conversion, see Application Data section.

■ Built to order. Allow 2-3 weeks for delivery.

④ HNXD6 circuit breakers are UL Listed for reverse connection applications.

② 2-pole units available in 3-pole width only.

③ When wired as shown on page 11/3, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems only.

④ HACR rated.