

Sentron Molded Case Circuit Breakers

LD 600A Frame, Sentron Series

Selection

Type LXD6-A^{①④}

Blue Label

Non-Interchangeable Trip (Assembled Circuit Breaker without Lugs)					
Continuous Current Rating @ 40°C	2-Pole (3-Pole Width)		3-Pole		
	600V AC		250V DC		500V DC
	Catalog Number	List Price \$	Catalog Number	List Price \$	
450	LXD62B450■		LXD63B450		
500	LXD62B500■		LXD63B500		
600	LXD62B600		LXD63B600		

Type LD6-A^④

Blue Label

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

2-Pole 600V AC, 250V DC (3-Pole Width)

250	LD62B250■				JD62T250■	
300	LD62B300■				JD62T300■	
350	LD62B350■				JD62T350■	
400	LD62B400				JD62T400	
450	LD62B450■				LD62T450■	
500	LD62B500■				LD62T500■	
600	LD62B600				LD62T600	

3-Pole 600V AC, 500V DC^②

250	LD63B250				JD63T250	
300	LD63B300				JD63T300	
350	LD63B350				JD63T350	
400	LD63B400				JD63T400	
450	LD63B450				LD63T450	
500	LD63B500				LD63T500	
600	LD63B600				LD63T600	

Interrupting Ratings

Breaker Type	RMS Symmetrical Amperes (KA)									
	UL 489 AIR (File E10848)					IEC 947-2				
	Volts AC (50/60Hz)			Volts DC		Volts AC (50/60Hz)				
	240	480	600	250	500 ^③	220/240	380/415	500		
						(lcs)	(lcs)	(lcs)	(lcs)	(lcs)
LD6-A, LXD6-A	65	35	25	30 (2-P)	25 (3-P)	65	33	40	20	30
HLD6-A, HLXD6-A	100	65	35	30 (2-P)	35 (3-P)	100	50	65	33	42
HHL6-A, HHLXD6	200	100	50	—	—	200	100	100	50	65
CLD6-A	200	150	100	—	50 (3-P)	—	—	—	—	—

Instantaneous Adjustment Trip Range

Breaker Ampere Rating	Nominal Instantaneous Values							
	±20% Tolerance Low	2	3	4	5	6	7	±20% Tolerance High
250-300	1250	1430	1610	1790	1960	2140	2320	2500
350-450	2000	2290	2570	2860	3140	3430	3710	4000
500-600	3000	3430	3800	4290	4710	5140	5570	6000

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

① Type LXD6A circuit breakers are UL Listed for reverse fed applications.

② When wired as shown on page 17/5, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems only.

③ See **Note: A**, page 17/100.

④ HACR rated.

Note: LD frame qualified to UL489 supplement SB "NAVAL". See page 17/110 for additional information.

Modifications page 17/110
Accessories pages 17/77 and 17/103 to 17/108

Ordering Information

Complete Breaker Unassembled with Lugs

Prices of LD6, HLD6, and HHL6 breakers include frame, trip, and both line and load lugs (TA2J6500). When ordered by these catalog numbers, the customer will receive the frame, trip and lugs separately packaged. For applications requiring different lugs, order individual items as needed.

Complete Breaker Assembled without Lugs

Prices of LXD6, HLXD6, HHLXD6, and CLD6 include frame with non-interchangeable trip unit installed only. Order required lugs separately. For line and load lugs (TA2J6500) installed, add suffix "L" to catalog number (add 2 times list price of lugs for each pole).

100% Rated

Types LXD6 and HLXD6 breakers are available with 100% ratings. To order add suffix "H" to catalog number, and 10% to list price. 100% rated LD breakers require the use of 90°C Cu cable sized at 75°C ampacity and lugs TC1J6600 or TC2J6500.

50°C Applications see page 17/110.

400Hz Applications see page 17/110.

Shipping Weights

Number of Poles	Number per Carton	Shipping Weight (lbs.)
LXD6, LD6, HLD6, HHL6 Assembled Breaker (less terminals)		
2	1	17.5
3	1	19.5
LD6, HLD6, HHL6 Frame Only		
2	1	14
3	1	15.5
LD6, HHL6 Trip Unit Only		
2	1	3.5
3	1	4
CLD6 Complete Assembled Breaker (less terminals)		
2	1	29.5
3	1	31.5

Lugs For 75°C Wire^③

Catalog Number	Cables per Lug	Wire Range	List Price \$
TA2J6500	1, 2	#3/0 500 kcmil Cu #4/0 500 kcmil Al	
TC2J6500	2	#3/0-500 kcmil Cu	
TA1L6750	1	500-750 kcmil Al 500-600 kcmil Cu	
TC1J6600	1	#3/0-600 kcmil Cu	
Compression Lug			
CCL600	1	500 kcmil Cu/Al	