

Molded Case Circuit Breakers

LD-Frame Sentron™ Series Circuit Breaker

2 & 3-Pole; 250-600 Amperes



Ratings & Markings (UL 489 AIR Interrupting Ratings)

Breaker Type	RMS Symmetrical Amperes (kA)						Frame Only - Interchangeable Trip		
	Volts AC (50/60Hz)			Volts DC		Breaker Type	Frame (2-Pole)	Frame (3-Pole)	
	240	480	600	250	500				
LD6-A, LXD6-A	65	35	25	30 (2-P)	25 (3-P)	LD6	LD62F600	LD63F600	
HLD6-A, HLXD6-A	100	65	35	30 (2-P)	35 (3-P)	HLD6	HLD62F600	HLD63F600	
HHL6, HHLXD6	200	100	50	—	—	HHL6	HHL62F600	HHL63F600	
CLD6-A	200	150	100	—	50 (3-P)	—	—	—	

Dimensions

Breaker Type	Width	Length	Depth	D-1 (to handle)
LXD6-A, LD6-A, HLD6-A, HHL6, HHLXD6, LXD6-ETI	7.50 in.	11 in.	4.0 in.	5.44 in.
CLD6, CLD6-ETI	7.50 in.	17.86 in.	4.0 in.	5.44 in.

Frames

Trip Amperage	Poles	Breaker-Type Non-interchangeable Trip		Breaker-Type Interchangeable Trip					Trip Unit Only
		LXD6-A	CLD6-A	LD6-A	HLD6-A	HLXD6	HHL6	HHLXD6	
250	2	—	—	LD62B250	HLD62B250	—	HHL62B250	—	JD62T250
300	2	—	—	LD62B300	HLD62B300	—	HHL62B300	—	JD62T300
350	2	—	—	LD62B350	HLD62B350	—	HHL62B350	—	JD62T350
400	2	—	—	LD62B400	HLD62B400	—	HHL62B400	—	JD62T400
450	2	LXD62B450	—	LD62B450	HLD62B450	—	HHL62B450	—	LD62T450
500	2	LXD62B500	—	LD62B500	HLD62B500	—	HHL62B500	—	LD62T500
600	2	LXD62B600	—	LD62B600	HLD62B600	—	HHL62B600	—	LD62T600
250	3	—	—	LD63B250	HLD63B250	HLXD63B250	HHL63B250	HHLXD63B250	JD63T250
300	3	—	—	LD63B300	HLD63B300	HLXD63B300	HHL63B300	HHLXD63B300	JD63T300
350	3	—	—	LD63B350	HLD63B350	HLXD63B350	HHL63B350	HHLXD63B350	JD63T350
400	3	—	—	LD63B400	HLD63B400	HLXD63B400	HHL63B400	HHLXD63B400	JD63T400
450	3	LXD63B450	CLD63B450	LD63B450	HLD63B450	HLXD63B450	HHL63B450	HHLXD63B450	LD63T450
500	3	LXD63B500	CLD63B500	LD63B500	HLD63B500	HLXD63B500	HHL63B500	HHLXD63B500	LD63T500
600	3	LXD63B600	CLD63B600	LD63B600	HLD63B600	HLXD63B600	HHL63B600	HHLXD63B600	LD63T600

Frames - Magnetic Trip Only - ETI Motor Circuit Protector

Ampere Rating	Poles	Minimum	Maximum	LXD6	CLD6
600	2	2000	4000	LXD62L600	—
600	2	3000	6000	—	—
600	3	3000	6000	LXD63L600	CLD63L600
600	3	2000	4000	LXD63H600	CLD63H600

Frames - Molded Case Switch - Circuit Disconnect

Ampere Rating	Poles	LXD6	HJXD6	CJD6
600	3	LXD63S600A	HJXD63S600A	CLD63S600A

Lugs For 75°C Wire

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

Shunt Trip Combinations

Control Voltage		1 Shunt Trip	1 Shunt Trip and 1 Auxiliary Switch
AC	DC	Catalog Number	Catalog Number
24	—	S17JLD6	—
48	—	S18JLD6	—
120	—	S01JLD6	S01JLD62A
240	—	S03JLD6	S03JLD62A
277	—	S15JLD6	S15JLD64A
480	—	S04JLD6	—
—	12	S16JLD6	S16JLD62A
—	24	S07JLD6	S07JLD62A
—	48	S09JLD6	S09JLD62A
—	125	S11JLD6	S11JLD62A
—	250	S13JLD6	S13JLD62A

Auxiliary Switch Combinations

Maximum Voltage		1 Form C	2 Form C
AC	DC	Catalog Number	Catalog Number
480	250	A01JLD64	A02JLD64
—	12	A01JLDLV	A02JLDLV

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	B01JLD64	A01JLD64B	A02JLD64B

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	—	U01JLD6	U01JLD62A	U01JLD62AA
208	—	U02JLD6	U02JLD62A	U02JLD62AA
240	—	U03JLD6	U03JLD62A	U03JLD62AA
480	—	U06JLD6	U06JLD64A	U06JLD64AA
—	24	U13JLD6	U13JLD62A	U13JLD62AA
—	48	U14JLD6	U14JLD62A	U14JLD62AA
—	125	U10JLD6	U10JLD62A	U10JLD62AA
—	250	U12JLD6	U12JLD62A	U12JLD62AA

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