

Sentron Molded Case Circuit Breakers

LD 600A Frame Sentron Series

Selection/Dimensions

Type HLD6-A, HLXD6-A^{②③④}

Black Label

Interchangeable Trip			
Continuous Current Rating @ 40°C	Complete Breaker Unassembled w/Lugs	Frame Only	Trip Unit Only
	Catalog Number	Catalog Number	Catalog Number
2-Pole 600V AC, 250V DC (3-Pole Width)			
250	HLD62B250■	HLD62F600■	JD62T250■
300	HLD62B300■		JD62T300■
350	HLD62B350■		JD62T350■
400	HLD62B400■		JD62T400■
450	HLD62B450■		LD62T450■
500	HLD62B500■		LD62T500■
600	HLD62B600■		LD62T600■

3-Pole 600V AC, 500V DC^{①⑤}

250	HLD63B250■	HLD63F600	JD63T250
300	HLD63B300■		JD63T300
350	HLD63B350■		JD63T350
400	HLD63B400■		JD63T400
450	HLD63B450■		LD63T450
500	HLD63B500■		LD63T500
600	HLD63B600■		LD63T600

Type HHL6, HHLXD6^{②③④}

Black Label

2-Pole 600V AC (3-Pole Width)

250	HHL62B250■	HHL62F600■	JD62T250■
300	HHL62B300■		JD62T300■
350	HHL62B350■		JD62T350■
400	HHL62B400■		JD62T400■
450	HHL62B450■		HHL62T450■
500	HHL62B500■		HHL62T500■
600	HHL62B600■		HHL62T600■

3-Pole 600V AC

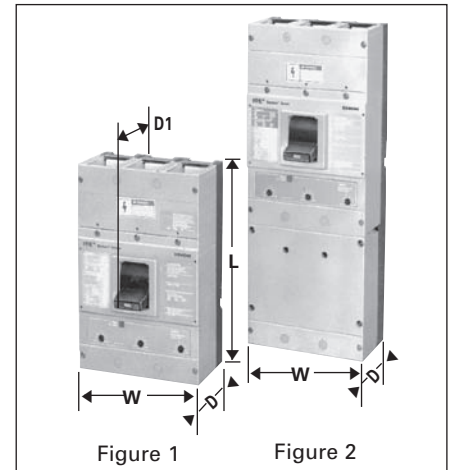
250	HHL63B250■	HHL63F600	JD63T250
300	HHL63B300■		JD63T300
350	HHL63B350■		JD63T350
400	HHL63B400■		JD63T400
450	HHL63B450■		HHL63T450■
500	HHL63B500■		HHL63T500■
600	HHL63B600■		HHL63T600■

Type CLD6-A^{③④}

Fuseless Current Limiting

Red 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	Catalog Number
450	For 2-pole application use outside poles of 3-pole circuit breaker	CLD63B450■
500		CLD63B500
600		CLD63B600



Dimensions (in inches)

Breaker Type	W	L	D	To Handle D1
Figure 1 LXD6-A, LD6-A HLD6-A HHL6, HHLXD6, LXD6-ETI ^⑥ , SLD6, SHLD6	7.5	11	4	5.44
Figure 2 CLD6, CLD6-ETI ^⑥ , SCLD6	7.5	17.86	4	5.44

Enclosures: (except SCLD6)

Type	Catalog Number
1	LD6N1
3R	LD6N3R
12	LD6N12
4X	LD6SS4
7,9	ED6
Neutral	W60993

For inches / millimeters conversion, see Application Data section.

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

① 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.

② For complete assembled 3-pole HLD6 or HHL6 type circuit breaker change the prefix identifier HLD6 or HHL6 to HLXD6 or HHLXD6. Price is sum of frame and trip units prices, e.g. price of HLXD63B400 is the price of HLD63F600 plus the price of LD63T600. Order the terminal connectors separately.

③ Type HLXD6, HHLXD6, & CLD6 Circuit Breakers are UL Listed for reverse feed applications.
④ LXD6-ETI, CLD6-ETI see page 17/91 for ordering information.
⑤ CE Applies to non-interchangeable type HLXD only.
⑥ HACR rated.

Sentron Molded Case Circuit Breakers

Adjustable Instantaneous Magnetic Trip Settings

Application

Breaker Type	Maximum Continuous Amperes	Nominal AC Adjustable Trip Range								ETI Motor Circuit Protector Catalog Number		Thermal Magnetic Catalog Number	
		Low	2	3	4	5	6	7	High	3-Pole	2-Pole	3-Pole	
JXD2(A)	200	1250	1430	1610	1790	1960	2140	2320	2500	—	JXD22B200	JXD23B200	
	225	1250	1430	1610	1790	1960	2140	2320	2500	—	JXD22B225	JXD23B225	
	250	1250	1430	1610	1790	1960	2140	2320	2500	—	JXD22B250	JXD23B250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	JXD22B300	JXD23B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	JXD22B350	JXD23B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	—	JXD22B400	JXD23B400	
JXD6(A)	200	1250	1430	1610	1790	1960	2140	2320	2500	—	JXD62B200	JXD63B200	
	225	1250	1430	1610	1790	1960	2140	2320	2500	—	JXD62B225	JXD63B225	
	250	1250	1430	1610	1790	1960	2140	2320	2500	—	JXD62B250	JXD63B250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	JXD62B300	JXD63B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	JXD62B350	JXD23B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	—	JXD62B400	JXD23B400	
JD6(A)	200	1250	1430	1610	1790	1960	2140	2320	2500	—	JD62B200	JD63B200	
	225	1250	1430	1610	1790	1960	2140	2320	2500	—	JD62B225	JD63B225	
	250	1250	1430	1610	1790	1960	2140	2320	2500	—	JD62B250	JD63B250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	JD62B300	JD63B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	JD62B350	JD63B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	JXD63L400 JXD63H400	JD62B400	JD63B400	
HJD6(A)	200	1250	1430	1610	1790	1960	2140	2320	2500	—	HJD62B200	HJD63B200	
	225	1250	1430	1610	1790	1960	2140	2320	2500	—	HJD62B225	HJD63B225	
	250	1250	1430	1610	1790	1960	2140	2320	2500	—	HJD62B250	HJD63H250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	HJD62B300	HJD63B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	HJD62B350	HJD63B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	—	HJD62H400	HJD63B400	
HHJD6	200	1250	1430	1610	1790	1960	2140	2320	2500	—	HHJD62B200	HHJD63B200	
	225	1250	1430	1610	1790	1960	2140	2320	2500	—	HHJD62B225	HHJD63B225	
	250	1250	1430	1610	1790	1960	2140	2320	2500	—	HHJD62B250	HHJD63B250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	HHJD62B300	HHJD63B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	HHJD62B350	HHJD63B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	—	HHJD62B400	HHJD63B400	
CJD6	200	1250	1430	1610	1790	1960	2140	2320	2500	—	—	CJD63B200	
	225	1250	1430	1610	1790	1960	2140	2320	2500	—	—	CJD63B225	
	250	1250	1430	1610	1790	1960	2140	2320	2500	—	—	CJD63B250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	—	CJD63B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	—	CJD63B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	CJD63H400 CJD63L400	—	CJD63B400	
LXD6(A)	450	2000	2290	2570	2860	3140	3430	3710	4000	—	LXD62B450	LXD63B450	
	500	3000	3430	3860	4290	4710	5140	5570	6000	—	LXD62B500	LXD63B500	
	600	3000	3430	3860	4290	4710	5140	5570	6000	—	LXD62B600	LXD63B600	
LD6(A)	250	1250	1430	1610	1790	1960	2140	2320	2500	—	LD62B250	LD63B250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	LD62B300	LD63B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	LD62B350	LD63B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	—	LD62B400	LD63B400	
	450	2000	2290	2570	2860	3140	3430	3710	4000	—	LD62B450	LD63B450	
	500	3000	3430	3800	4290	4710	5140	5570	6000	—	LD62B500	LD63B500	
HLD6(A)	250	1250	1430	1610	1790	1960	2140	2320	2500	—	—	—	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	—	—	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	—	—	
	400	2000	2290	2570	2860	3140	3430	3710	4000	—	—	—	
	450	2000	2290	2570	2860	3140	3430	3710	4000	—	—	—	
	500	3000	3430	3860	4290	4710	5140	5570	6000	—	—	—	
HHL6	250	1250	1430	1610	1790	1960	2140	2320	2500	—	HHL62B250	HHL63B250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	HHL62B300	HHL63B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	HHL62B350	HHL63B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	—	HHL62B400	HHL63B400	
	450	2000	2290	2570	2860	3140	3430	3710	4000	—	HHL62B450	HHL63B450	
	500	3000	3430	3860	4290	4710	5140	5570	6000	—	HHL62B500	HHL63B500	
CLD6	250	1250	1430	1610	1790	1960	2140	2320	2500	—	—	CJD63B250	
	300	1250	1430	1610	1790	1960	2140	2320	2500	—	—	CJD63B300	
	350	2000	2290	2570	2860	3140	3430	3710	4000	—	—	CJD63B350	
	400	2000	2290	2570	2860	3140	3430	3710	4000	—	—	CJD63B400	
	450	2000	2290	2570	2860	3140	3430	3710	4000	—	—	CLD63B450	
	500	3000	3430	3860	4290	4710	5140	5570	6000	—	—	CLD63B500	
LMXD6	500	3000	3430	3860	4290	4710	5140	5570	6000	—	—	LMXD63B500	
	600	3000	3430	3860	4290	4710	5140	5570	6000	—	—	LMXD63B600	
	700	3200	3500	3700	4200	4700	6400	7300	8000	—	LMXD62B700	LMXD63B700	
	800	2800	3100	3400	3700	4000	4800	5500	6000	—	—	—	
	800	3200	3500	3700	4200	4700	6400	7300	8000	LMXD63L800 LMXD63A800	LMXD62B800	LMXD63B800	
	800	3200	3500	3700	4200	4700	6400	7300	8000	—	—	—	
LMD6	500	3000	3430	3860	4290	4710	5140	5570	6000	—	LMD62B500	LMD63B500	
	600	3000	3430	3860	4290	4710	5140	5570	6000	—	LMD62B600	LMD63B600	
	700	3200	3500	3700	4200	4700	6400	7300	8000	—	LMD62B700	LMD63B700	
	800	3200	3500	3700	4200	4700	6400	7300	8000	—	LMD62B800	LMD63B800	