

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			
HLMXD6	500	3000	3430	3860	4290	4710	5140	5570	6000	—	—	—	HLMXD63B500		
	600	3000	3430	3860	4290	4710	5140	5570	6000	—	—	—	HLMXD63B600		
	700	3200	3500	3700	4200	4700	6400	7300	8000	—	—	—	HLMXD63B700		
	800	3200	3500	3700	4200	4700	6400	7300	8000	—	—	—	HLMXD63B800		
HLMD6	500	3000	3430	3860	4290	4710	5140	5570	6000	—	HLMD62B500	HLMD63B500			
	600	3000	3430	3860	4290	4710	5140	5570	6000	—	HLMD62B600	HLMD63B600			
	700	3200	3500	3700	4200	4700	6400	7300	8000	—	HLMD62B700	HLMD63B700			
	800	3200	3500	3700	4200	4700	6400	7300	8000	—	HLMD62B800	HLMD63B800			
MD6	500	3000	3430	3860	4290	4710	5140	5570	6000	—	MD62B500	MD63B500			
	600	3000	3430	3860	4290	4710	5140	5570	6000	—	MD62B600	MD63B600			
	700	4000	4570	5140	5710	6280	6850	7420	8000	—	MD62B700	MD63B700			
	800	3000	3430	3860	4280	4710	5140	5570	6000	MXD63L800	—	—			
	800	4000	4570	5140	5710	6280	6850	7420	8000	MXD63A800	MD62B800	MD63B800			
800	5000	5715	6430	7145	7860	8575	9290	10000	MXD63H800	—	—				
MXD6	500	3000	3430	3860	4280	4710	5140	5570	6000	—	MXD62B500	MXD63B500			
	600	3000	3430	3860	4280	4710	5140	5570	6000	—	MXD62B600	MXD63B600			
	700	4000	4570	5140	5710	6280	6850	7420	8000	—	MXD62B700	MXD63B700			
	800	3000	3430	3860	4280	4710	5140	5570	6000	MXD63L800	—	—			
	800	4000	4570	5140	5710	6280	6850	7420	8000	MXD63A800	MXD62B800	MXD63B800			
800	5000	5715	6430	7145	7860	8575	9290	10000	MXD63H800	—	—				
HMD6	500	3000	3430	3860	4280	4710	5140	5570	6000	—	HMD62B500	HMD63B500			
	600	3000	3430	3860	4280	4710	5140	5570	6000	—	HMD62B500	HMD63B600			
	700	4000	4570	5140	5710	6280	6850	7420	8000	—	HMD62B700	HMD63B700			
	800	4000	4570	5140	5710	6280	6850	7420	8000	—	HMD62B800	HMD63B800			
HMXD6	500	3000	3430	3860	4280	4710	5140	5570	6000	—	—	HMXD63B500			
	600	3000	3430	3860	4280	4710	5140	5570	6000	—	—	HMXD63B600			
	700	4000	4570	5140	5710	6280	6850	7420	8000	—	—	HMXD63B700			
	800	4000	4570	5140	5710	6280	6850	7420	8000	—	—	HMXD63B800			
CMD6	400	3000	3430	3860	4280	4710	5140	5570	6000	—	—	CMD63B400			
	500	3000	3430	3860	4280	4710	5140	5570	6000	—	—	CMD63B500			
	600	3000	3430	3860	4280	4710	5140	5570	6000	—	—	CMD63B600			
	700	4000	4570	5140	5710	6280	6850	7420	8000	—	—	CMD63B700			
	800	3000	3430	3860	4280	4710	5140	5570	6000	CMD63L800	—	—			
	800	4000	4570	5140	5710	6280	6850	7420	8000	CMD63A800	—	CMD63B800			
	800	5000	5715	6430	7145	7860	8575	9290	10000	CMD63H800	—	—			
ND6	800	4000	4570	5140	5710	6280	6850	7420	8000	—	ND62B800	ND63B800			
	900	5000	5715	6430	7145	7860	8575	9290	10000	—	ND62B900	ND63B900			
	1000	5000	5715	6430	7145	7860	8575	9290	10000	—	ND62B100	ND63B100			
	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	ND62B120	ND63B120			
NXD6	900	5000	5715	6430	7145	7860	8575	9290	10000	—	NXD62B900	NXD63B900			
	1000	5000	5715	6430	7145	7860	8575	9290	10000	—	NXD62B100	NXD63B100			
	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	NXD62B120	NXD63B120			
HND6	800	4000	4570	5140	5710	6280	6850	7420	8000	—	HND62B800	HND63B800			
	900	5000	5715	6430	7145	7860	8575	9290	10000	—	HND62B900	HND63B900			
	1000	5000	5715	6430	7145	7860	8575	9290	10000	—	HND62B100	HND63B100			
	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	HND62B120	HND63B120			
HNXD6	900	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HNXD63B900			
	1000	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HNXD63B100			
	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HNXD63B120			
CND6	800	4000	4570	5140	5710	6280	6850	7420	8000	—	—	CND63B800			
	900	5000	5715	6430	7145	7860	8575	9290	10000	—	—	CND63B900			
	1000	5000	5715	6430	7145	7860	8575	9290	10000	—	—	CND63B100			
	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	—	CND63B120			
PD6	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	—	PD63B120			
	1400	5000	5715	6430	7145	7860	8575	9290	10000	—	—	PD63B140			
	1600	5000	5715	6430	7145	7860	8575	9290	10000	—	—	PD63B160			
PXD6	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	—	PXD63B120			
	1400	5000	5715	6430	7145	7860	8575	9290	10000	—	—	PXD63B140			
	1600	5000	5715	6430	7145	7860	8575	9290	10000	—	—	PXD63B160			
HPD6	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HPD63B120			
	1400	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HPD63B140			
	1600	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HPD63B160			
HPXD6	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HPXD63B120			
	1400	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HPXD63B140			
	1600	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HPXD63B160			
CPD6	1200	5000	5715	6430	7145	7860	8575	9290	10000	—	—	CPD63B120			
	1400	5000	5715	6430	7145	7860	8575	9290	10000	—	—	CPD63B140			
	1600	5000	5715	6430	7145	7860	8575	9290	10000	—	—	CPD63B160			
RD6	1800	5000	5715	6430	7145	7860	8575	9290	10000	—	—	RD63B180			
	2000	5000	5715	6430	7145	7860	8575	9290	10000	—	—	RD63B200			
RXD6	1800	5000	5715	6430	7145	7860	8575	9290	10000	—	—	RXD63B180			
	2000	5000	5715	6430	7145	7860	8575	9290	10000	—	—	RXD63B200			
HRD6	1800	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HRD63B180			
	2000	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HRD63B200			
HRXD6	1800	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HRXD63B180			
	2000	5000	5715	6430	7145	7860	8575	9290	10000	—	—	HRXD63B200			

Molded Case Circuit Breakers

MD 800A Frame Sentron Series

Selection

Type HMXD6 ①⑤

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 \$
500	For 2-pole application use outside poles of 3-pole circuit breaker		HMXD63B500■	8555.00
600			HMXD63B600■	8555.00
700			HMXD63B700■	8555.00
800			HMXD63B800■	8555.00

Type HMD6 ⑤

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

Continuous Current Rating @ 40°C	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
500	HMD62B500■	7066.00	HMD62F800■	4047.00	MD62T500■	2671.00
600	HMD62B600■	7066.00			MD62T600■	2671.00
700	HMD62B700■	7066.00			MD62T700■	2671.00
800	HMD62B800■	7066.00			MD62T800■	2671.00

3-Pole 600V AC, 500V DC ④

Continuous Current Rating @ 40°C	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
500	HMD63B500	9077.00	HMD63F800	5204.00	MD63T500	3351.00
600	HMD63B600	9077.00			MD63T600	3351.00
700	HMD63B700	9077.00			MD63T700	3351.00
800	HMD63B800	9077.00			MD63T800	3351.00

Type CMD6 ①⑤

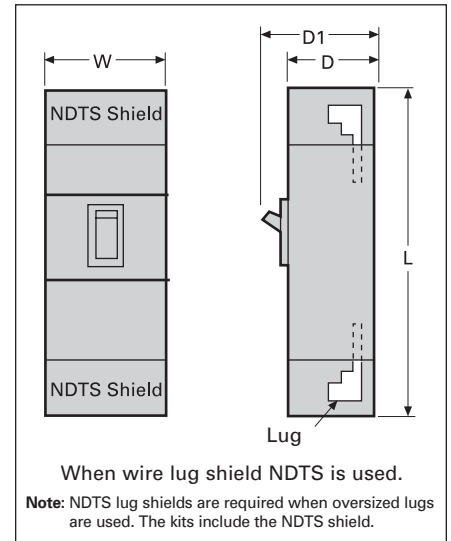
Fuseless Current Limiting

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	List Price \$	Catalog Number	List Price \$
500	For 2-pole application use outside poles of 3-pole circuit breaker		CMD63B500■	12599.00
600			CMD63B600■	12599.00
700			CMD63B700■	12599.00
800			CMD63B800■	12599.00

Interrupting Ratings

Breaker Type	UL 489 AIR—File E10848					IEC 947-2 AIR					
	RMS Symmetrical Amperes (KA)					Volts AC (50/60HZ)					
	Volts AC			Volts DC		220/240		380/415		500	
	240	480	600	250	500 ^③	(Icu)	(Ics)	(Icu)	(Ics)	(Icu)	(Ics)
MD6, MXD6	65	50	25	30 (2-P)	25 (3-P)	65	33	40	20	30	15
HMD6, HMXD6	100	65	50	30 (2-P)	50 (3-P)	100	50	65	33	42	21
CMD6	200	100	65	—	50 (3-P)	200	100	100	50	65	33



Dimensions (in inches)

Breaker Type	W	L	D	(To Handle) D1
MD6, MXD6, HMD6, HMXD6, CMD6, MXD6-ETI, CMD6-ETI, SMD6, SHMD6, and SCMD6	9	16	6	8.25
with lug shields	9	24	6	8.25

For inches / millimeters conversion, see Application Data section.

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

① HMXD6 and CMD circuit breakers are UL listed for reverse connection applications.

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

③ MXD6-ETI, CMD6-ETI see page 17/52 for catalog information.

④ When wired as shown on page 17/3, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems only.

⑤ HACR rated.