

Molded Case Circuit Breakers

MD 800A Frame Sentron Series

Selection/Dimensions

Type HMXD6^{①⑤}

Black Label

Non-Interchangeable Trip (Assembled Circuit Breaker Without Lugs)

Continuous Current Rating @ 40°C	2-Pole 600V AC/250V DC Catalog Number	3-Pole 600V AC/500V DC Catalog Number
600	For 2-pole application use outside poles of 3-pole circuit breaker	HMXD63B600■
700		HMXD63B700■
800		HMXD63B800

Type HMD6^⑤

Black Label

Interchangeable Trip

Continuous Current Rating @ 40°C	Complete Breaker Unassembled w/Lugs Catalog Number	Frame Only Catalog Number	Trip Unit Only Catalog Number
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2-Pole 600V AC, 250V DC^②

500	HMD62B500■	HMD62F800■	MD62T500■
600	HMD62B600■		MD62T600■
700	HMD62B700■		MD62T700■
800	HMD62B800■		MD62T800■

3-Pole 600V AC, 500V DC^④

500	HMD63B500	HMD63F800	MD63T500
600	HMD63B600		MD63T600
700	HMD63B700		MD63T700
800	HMD63B800		MD63T800

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 Catalog Number	3-Pole 600V AC/500V DC Catalog Number
600	For 2-pole application use outside poles of 3-pole circuit breaker	CMD63B600■
700		CMD63B700■
800		CMD63B800

Interrupting Ratings

Breaker Type	UL 489 AIR—File E10848						IEC 947-2 AIR ^⑥					
	RMS Symmetrical Amperes (KA)						Volts AC (50/60HZ)					
	Volts AC			Volts DC			220/240		380/415		500	
	240	480	600	250	500 ^④		(Icu)	(Ics)	(Icu)	(Ics)	(Icu)	(Ics)
MD6, MXD6	65	50	25	30 (2-P)	25 (3-P)		65	33	40	20	—	—
HMD6, HMXD6	100	65	50	30 (2-P)	50 (3-P)		100	50	65	33	—	—
CMD6	200	100	65	—	50 (3-P)		—	—	—	—	—	—

For inches / millimeters conversion, see Application Data section.

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

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

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

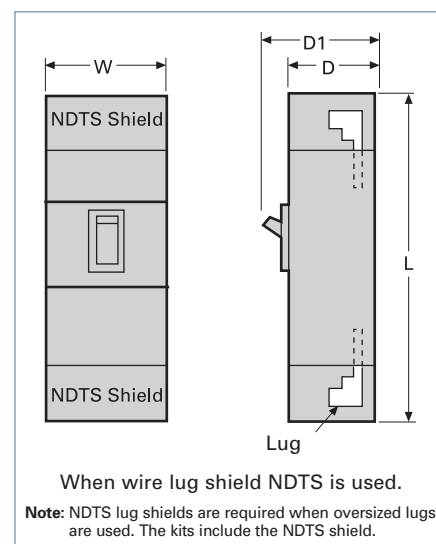
③MXD6-ETI, CMD6-ETI see page 7-74 for catalog information.

④When wired as shown on page 7-4, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems only.

⑤HACR rated.

⑥ Only applicable to interchangeable trip unit types:

MXD6, HMXD6



Dimensions (in inches)

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