

Molded Case Circuit Breakers

MD 800A Frame Sentron Series

Selection

Type MXD6^{①④}

Blue Label

Non-Interchangeable Trip (Assembled Circuit Breaker Without Lugs)				
Continuous Current Rating @ 40°C	2-Pole ^②		3-Pole	
	Catalog Number	List Price \$	Catalog Number	List Price \$
600	MXD62B600■	6242.00	MXD63B600	7902.00
700	MXD62B700■	6242.00	MXD63B700	7902.00
800	MXD62B800■	6242.00	MXD63B800	7902.00

Type MD6^⑥

Blue Label

Interchangeable Trip						
Continuous Current Setting @ 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

500	MD62B500■	6632.00	MD62F800■	3253.00	MD62T500■	2987.00
600	MD62B600■	6632.00			MD62T600■	2987.00
700	MD62B700■	6632.00			MD62T700■	2987.00
800	MD62B800■	6632.00			MD62T800■	2987.00

3-Pole 600V AC, 500V DC^③

500	MD63B500	8491.00	MD63F800	4156.00	MD63T500	3747.00
600	MD63B600	8491.00			MD63T600	3747.00
700	MD63B700	8491.00			MD63T700	3747.00
800	MD63B800	8491.00			MD63T800	3747.00

Lugs^④

Catalog Number	Cables Per Lug	Lugs Per Kit	Wire Range	List Price \$
TA2K500	1-2	1	#1-500 kcmil Cu/Al	71.00
TA3K500	1-3	1	1/0-500 kcmil Cu/Al	98.00
TC2K500	1-2	1	#1-500 kcmil Cu	120.00
TC3K350	1-3	1	#1-350 kcmil Cu	151.00
Kits				
2TA2N8750 3TA2N8750	1-2	2 3	500-750 kcmil Cu/Al	365.00 513.00
2TA3N8750 3TA3N8750	1-3	2 3	500-750 kcmil Cu/Al	579.00 832.00
2TA4N8500 3TA4N8500	1-4	2 3	250-500 kcmil Cu/Al	588.00 853.00
2TA4P8500 3TA4P8500	1-4	2 3	250-500 kcmil Cu/Al	584.00 843.00

Instantaneous Adjustment Trip Range

Ampere Rating	Nominal Instantaneous Values							
	Low +/- 20% Tolerance	2	3	4	5	6	7	High +/- 20% Tolerance
500-600	3000	3430	3860	4280	4710	5140	5570	6000
700-800	4000	4570	5140	5710	6280	6850	7420	8000

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

① MXD6 circuit breakers are UL Listed for reverse connection applications.

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

③ When wired as shown on page 6-3, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems.

④ See **Note: A**, page 6-81.

⑤ 80% rated breakers with the CE mark will also be marked in the 100% rated version.

⑥ HACR rated.

Note: MD frame qualified to UL489 supplement B "NAVAL". See page 6-84 for additional information.

Ordering Information

Complete Breaker Unassembled with Lugs

Pricing information for MD6 and HMD6 breakers includes frame, trip, and both line and load lugs (TA3K500). 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 with Lugs

Prices of MXD6, HMXD6 and CMD6 include frame with non-interchangeable trip units installed only. Order required lugs separately. For line and load lugs (TA3K500) installed, add suffix "L" to catalog number (add 2 times list price of lugs for each pole).

100% Rated^⑤

Types MXD6, HMXD6 and CMD6 breakers are available with 100% ratings. To order add suffix "H" to catalog number, and 10% to list price. 100% rated MD breakers require the use of 90°C Cu cable sized at 75°C ampacity and lugs 2TA4P8500 or 2TA2N8750 for 2-pole; 3TA4P8500 or 3TA2N8750 for 3-pole.

50°C Applications see page 6-84.

400Hz Applications see page 6-84.

Shipping Weights

Number of Poles	Number per Carton	Shipping Weight (lbs.)
MD6, HMD6, HMXD6, CMD6 Complete Breaker Assembled (less lugs)		
2	1	53
3	1	61.5
MD6, HMD6 Frame Only		
2	1	42.25
3	1	46
MD6, HMD6 Trip Unit Only		
2	1	4.5
3	1	6.5

Enclosures

Type	Catalog Number	List Price \$
1	MND61	897.00
3R	MND63	2202.00
12	MND612■	2883.00
Neutral	W63623	606.00

Modifications page 6-84
Enclosures Section 5
Accessories pages 6-54 and 6-86 to 6-91

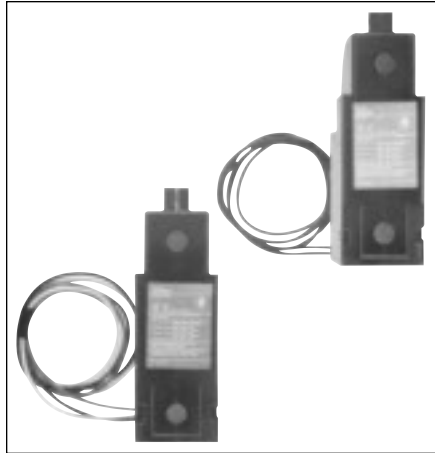
Molded Case Circuit Breakers

Internal Accessories

Selection

Accessories for:

MD/SMD 800A Frame
ND/SND 1200A Frame
PD/SPD 1600A Frame
RD 2000A Frame



Accessory modules can mount in either left hand or right hand poles of all circuit breakers, including solid state. Exception: when mechanical interlock is used. Accessories cannot be mounted in left pole.

Sensitrip Ammeter



The Ammeter Display Units plug into the Sensitrip Trip Unit and displays the phase current flowing in the breaker. They are powered by the breaker's CT's with replaceable battery back-up for maintaining trip and max logs.

The SADU reads currents, current imbalance, current demand, and trip status.

Ammeter Mounting Kit

The Ammeter may also be panel or door mounted using the SADURMK18 remote mounting kit.

Shunt Trip Combinations

Control Voltage		1 Shunt Trip		1 Shunt Trip and 1 Auxiliary Switch	
AC	DC	Catalog Number	List Price \$	Catalog Number	List Price \$
120		S01MN6	636.00	S01MN64A	897.00
208		S02MN6▲	636.00	—	—
240		S03MN6	636.00	S03MN64A▲	897.00
277		S15MN6▲	636.00	S15MN64A▲	897.00
480		S04MN6▲	636.00	S04MN64A▲	897.00
600		S06MN6▲	636.00	—	—
	12	S16MN6▲	636.00	S16MN64A▲	897.00
	24	S07MN6	636.00	S07MN64A	897.00
	48	S09MN6▲	636.00	—	—
	125	S11MN6	636.00	S11MN64A▲	897.00
	250	S13MN6▲	636.00	S13MN64A▲	636.00

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	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
120		U01MN6	636.00	U01MN64A	897.00	U01MN64AA	1157.00
208		U02MN6▲	636.00	U02MN64A▲	897.00	U02MN64AA▲	1157.00
240		U03MN6▲	636.00	U03MN64A▲	897.00	U03MN64AA▲	1157.00
277		U15MN6▲	636.00	U15MN64A▲	897.00	U15MN64AA▲	1157.00
480		U04MN6▲	636.00	U04MN64A▲	897.00	U04MN64AA▲	1157.00
600		U06MN6▲	636.00	—	—	—	—
	24	U07MN6	636.00	U07MN64A	897.00	U07MN64AA	1157.00
	48	U09MN6▲	636.00	U09MN64A▲	897.00	U09MN64AA▲	1157.00
	125	U11MN6▲	636.00	U11MN64A▲	897.00	U11MN64AA▲	1157.00
	250	U13MN6▲	636.00	U13MN64A▲	897.00	U13MN64AA▲	1157.00

Auxiliary Switch Combinations

Maximum Voltage		1 Form C		2 Form C	
AC	DC	Catalog Number	List Price \$	Catalog Number	List Price \$
480	250	A01MN64	271.00	A02MN64	540.00
—	12	A01MNDLV▲	342.00	A02MNDLV▲	684.00

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	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
480	250	B00MN64	271.00	A01MN64B	540.00	A02MN64B	802.00

Plug-in Ammeter Display Units

Breaker Type	Description	Catalog Number	List Price \$
SMD, SND, SPD	Display Unit	SADU	1776.00
	Remote Mounting Kit	SADURMK18	342.00

▲ Built to order. Allow 6-8 weeks for delivery.