



### REPLACEMENT CAPABILITIES, *Continued*

#### Type NB 700-1200 Amperes, 600 Volts, 60 Hz AC<sup>ⓐ</sup>, 250 Volts DC<sup>ⓑ</sup>, 2- and 3-Poles, Interchangeable Trip

Continu-ous Ampere Rating at 40°C	Magnetic Trip Setting, Amperes <sup>ⓐ</sup>		Complete Breaker			Shipped as Frame, Trip Unit and Terminals <sup>ⓐ</sup>			
	Low	High	Includes Pressure Type Copper Terminals <sup>ⓐ</sup>			Frame Only			Trip Unit Only
			Standard	Saf-T-Vue <sup>®</sup>	MARK 75 <sup>®</sup>	Standard	Saf-T-Vue <sup>®</sup>	MARK 75 <sup>®</sup>	Standard Saf-T-Vue <sup>®</sup> , MARK 75 <sup>®</sup>
<b>Catalog Numbers</b>									
<b>2-Poles, 600 Volts AC, 250 Volts DC<sup>ⓑ</sup></b>									
700	3000	6000	NB2700	NB2700S	HNB2700	NB21200F	NB21200FS	HNB21200F	HNB2700T
800	3000	6000	NB2800	NB2800S	HNB2800	NB21200F	NB21200FS	HNB21200F	HNB2800T
900	4000	8000	NB2900	NB2900S	HNB2900	NB21200F	NB21200FS	HNB21200F	HNB2900T
1000	4000	8000	NB21000	NB21000S	HNB21000	NB21200F	NB21200FS	HNB21200F	HNB21000T
1200	4000	8000	NB21200	NB21200S	HNB21200	NB21200F	NB21200FS	HNB21200F	HNB21200T
			Approx. ship. wt. 43 lbs.			Approx. ship. wt. 29 lbs.			Approx. ship. wt. 3½ lbs.
<b>3-Poles, 600 Volts AC Only</b>									
700	3000	6000	NB3700	NB3700S	HNB3700	NB31200F	NB31200FS	HNB31200F	HNB3700T
800	3000	6000	NB3800	NB3800S	HNB3800	NB31200F	NB31200FS	HNB31200F	HNB3800T
900	4000	8000	NB3900	NB3900S	HNB3900	NB31200F	NB31200FS	HNB31200F	HNB3900T
1000	4000	8000	NB31000	NB31000S	HNB31000	NB31200F	NB31200FS	HNB31200F	HNB31000T
1200	4000	8000	NB31200	NB31200S	HNB31200	NB31200F	NB31200FS	HNB31200F	HNB31200T
			Approx. ship. wt. 51 lbs.			Approx. ship. wt. 32 lbs.			Approx. ship. wt. 4 lbs.



**NB, 600 Volts AC;  
250 Volts DC**

### Accessories and Modifications

#### Magnetic Only Breakers, Front Adjustable<sup>ⓐ</sup>

Continu-ous Ampere Rating	Magnetic Trip Range <sup>ⓐ</sup>		Trip Unit Only	
	Low	High	2-Poles <sup>ⓐ</sup>	3-Poles
			Catalog Numbers	
1200	3000	6000	HNB26000TM	HNB36000TM
1200	4000	8000	HNB28000TM	HNB38000TM
1200	5000	10000	HNB210000TM	HNB310000TM
1200	6000	12000	HNB212000TM	HNB312000TM

#### Magnetic Only Breakers<sup>ⓐ</sup>

For description, refer to Application Data 29-160. To order a complete breaker, select trip unit, plus frame and terminals.

#### Special Calibrations<sup>ⓐ</sup>

Special calibration price additions apply to ampere ratings not listed as standard or for ambients other than 40°C or 50°C. For frequencies other than 0-60 Hz AC (50 Hz AC minimum - 60 Hz AC maximum for ratings of 700 amperes and above), refer to Cutler-Hammer. See Application Data 29-160 for additional information regarding special conditions. Maximum 400 Hz calibration for type MA is 475 amperes.

#### 50°C Calibration<sup>ⓐ</sup>

Add suffix "V" to catalog number for complete breaker or trip unit only, when ordering breakers to be used in 50°C ambients.

For CSA, see page 41.

Type NB breakers meet requirements for Class 21a circuit breakers, and Type HNB meet requirements for class 23a, as defined by Federal Specification W-C-375b.

#### Underwriters' Laboratories, Inc. listed Interrupting Ratings:

Max. Volts	Amperes
<b>Standard Breakers</b>	
240 VAC	50,000 Asym., 42,000 Sym.
480 VAC	35,000 Asym., 30,000 Sym.
600 VAC	25,000 Asym., 22,000 Sym.
250 VDC <sup>ⓐ</sup>	20,000 <sup>ⓐ</sup>
<b>MARK 75<sup>®</sup> Breakers</b>	
240 VAC	75,000 Asym., 65,000 Sym.
480 VAC	40,000 Asym., 35,000 Sym.
600 VAC	30,000 Asym., 25,000 Sym.
250 VDC <sup>ⓐ</sup>	20,000 <sup>ⓐ</sup>

For all 3-phase Delta, grounded B phase applications, contact your local Cutler-Hammer Field Sales Office.

#### Terminals<sup>ⓐ</sup>

Two terminals are required per pole.

Terminals are Underwriters' Laboratories, Inc. listed for wire type and range listed below. When used with aluminum conductors, use joint compound. To order optional copper terminals, add suffix "C" to complete breaker catalog number.

Max. Amps	Catalog Number	No. of Cables, Wire Range, Type,
<b>Standard Al/Cu Pressure Terminals</b>		
1000	TA1000NB1	(3) 3/0-400 MCM Al/Cu
1200	TA1200NB1	(4) 4/0-500 MCM Al/Cu
<b>Optional Copper or Al/Cu Pressure Terminals</b>		
1000	T1000NB1	(3) 3/0-500 MCM Cu
1200	T1200NB1	(4) 3/0-400 MCM Cu
1200	TA1201NB1	(3) 500-750 MCM Al/Cu

**Additional Accessories and Modifications**  
Refer to pages 58-68.

<sup>ⓐ</sup> Higher frequency calibration not available. Minimum of 50 Hz calibration available on special order.

<sup>ⓑ</sup> 250 volt DC rating applied only to magnetic only type breakers.

<sup>ⓐ</sup> Set on high side, adjustable to lower limits.

<sup>ⓐ</sup> Terminals shipped separately from breaker.

<sup>ⓐ</sup> 2-pole breakers supplied in 3-pole frames with current carrying parts omitted from center pole.





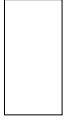



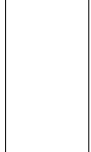


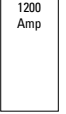
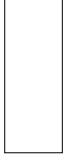

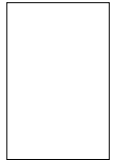
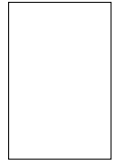
<sup>ⓐ</sup> Frames, terminals, studs, mounting hardware, dimensions and shipping weights are same as standard thermal magnetic breakers.

<sup>ⓐ</sup> Not listed with Underwriters' Laboratories, Inc.

<sup>ⓐ</sup> Ratings above 10,000 amperes not UL listed.



## MOLDED CASE CIRCUIT BREAKER REPLACEMENT GUIDE

Series C Industrial Circuit Breakers															
Maximum Amperes		800A		800A		1200A		1600A/2000A/2500A							
CURRENT DESIGN	Series C Circuit Breakers are Cutler-Hammer's most current offering and, as such, are a logical first choice when upgrading or retrofitting equipment.	<b>MD, MDS</b>		<b>ND, HND, NDC</b>		<b>ND, HND, NDC</b>		<b>RD</b>							
	All circuit breakers listed in a column are <b>ELECTRICALLY INTERCHANGEABLE</b> .														
<b>Dimensions – Inches Per 3-pole Breaker</b>															
		W	H	D	W	H	D	W	H	D					
		8¼	16	4½	8¼	16	5½	8¼	16	5½	15½	16	9¾		
Replacement Circuit Breakers															
REPLACEMENT	These new, UL labeled circuit breakers continue to be manufactured and are primarily applied to achieve exact physical and electrical replacement of previously installed Cutler-Hammer/Westinghouse circuit breakers of the same style number and rating.	<b>MA, HMA and MC</b>		<b>MA, HMA and MC, MCC SELTRONIC</b>		<b>NC, HNC and NB, HNB</b>		<b>PC, PCC</b>		<b>PB</b>					
															
	W	H	D	W	H	D	W	H	D	W	H	D			
	8¼	16	4½	8¼	16	4½	8¼	16	5½	12½	22½	9½	12½	22½	9½
Out-of-Production Westinghouse Circuit Breakers															
OUT OF PRODUCTION	These circuit breakers are no longer manufactured.	<b>LM, HLM and M</b>		<b>LM, HLM and M</b>		<b>MA, HMA</b>		<b>LM, HLM</b>		<b>PA</b>					
	* Indicates the last date of manufacture. As an option, any of these circuit breakers can be reconditioned at the original factory by Cutler-Hammer. For details, see page 8, or contact your local Cutler-Hammer Field Sales Office.														
	W	H	D	W	H	D	W	H	D	W	H	D			
	8¼	22	5½	8¼	22	5½	8¼	16	5½	8¼	22	5½	12	22	9½
					SPCB 1200A, SCB 1200A *1986 Consult Cutler-Hammer W H D 8¼ 16 5½				SPCB 2000-3000A, SCB 2000-3000A *1986 Consult Cutler-Hammer W H D 12½ 22½ 9½						
Out-of-Production Cutler-Hammer Circuit Breakers Last Manufactured by Cutler-Hammer in 1994															
OUT OF PRODUCTION	<b>MS, MH</b>		<b>NS, NH</b>		No Equivalent Cutler-Hammer Brand Frame Size Existed		No Equivalent Cutler-Hammer Brand Frame Size Existed								
															
	W	H	D	W	H	D									
	8¼	16	4½	8¼	16	5½									

● RD Breaker replaces PC, PCC and PB Breakers for 2000A and 2500A only.