

MOLDED CASE CIRCUIT BREAKERS

Replacement Circuit Breakers



REPLACEMENT CAPABILITIES, *Continued*

Type NB 700-1200 Amperes, 600 Volts, 60 Hz AC^①, 250 Volts DC^②, 2- and 3-Poles, Interchangeable Trip

Continuous Ampere Rating at 40°C	Magnetic Trip Setting, Amperes③		Complete Breaker			Shipped as Frame, Trip Unit and Terminals④			
			Includes Pressure Type Copper Terminals⑤			Frame Only			Trip Unit Only
	Low	High	Standard	Saf-T-Vue®	MARK 75®	Standard	Saf-T-Vue®	MARK 75®	Standard Saf-T-Vue®, MARK 75®
			Catalog Numbers						
2-Poles, 600 Volts AC, 250 Volts DC②⑥									
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.
3-Poles, 600 Volts AC Only									
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^{⑥⑦}

Continuous Ampere Rating	Magnetic Trip Range ^⑧		Trip Unit Only	
			2-Poles ^⑨	3-Poles
	Low	High	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^⑦

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

Special Calibrations^⑩

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^⑦

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
Standard Breakers	
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 ^①	20,000 ^⑥
MARK 75[®] Breakers	
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 ^①	20,000 ^⑥

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

Terminals^⑥

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,
Standard Al/Cu Pressure Terminals		
1000	TA1000NB1	(3) 3/0-400 MCM Al/Cu
1200	TA1200NB1	(4) 4/0-500 MCM Al/Cu
Optional Copper or Al/Cu Pressure Terminals		
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.

① Higher frequency calibration not available. Minimum of 50 Hz calibration available on special order.

② 250 volt DC rating applied only to magnetic only type breakers.

③ Set on high side, adjustable to lower limits.

④ Terminals shipped separately from breaker.

⑤ 2-pole breakers supplied in 3-pole frames with current carrying parts omitted from center pole.

⑥ Frames, terminals, studs, mounting hardware, dimensions and shipping weights are same as standard thermal magnetic breakers.

⑦ Not listed with Underwriters' Laboratories, Inc.

⑧ Ratings above 10,000 amperes not UL listed.