























Series C Molded Case Circuit Breaker Replacement Guide

















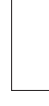





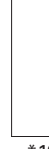






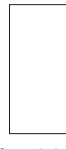
Table 3-7. Series C Industrial Circuit Breakers — Dimensions in Inches (Per 3-Pole Breaker)

Description	Maximum Amperes						
	100 A	100 A	225 A	100 A	100 A		
Current Design							
Series C Circuit Breakers are the current offering and, as such, are a logical first choice when upgrading or retrofitting equipment. All circuit breakers listed in a column are ELECTRICALLY INTERCHANGEABLE.	GHC  Width: 3.00 Height: 4.88 Depth: 2.94	GD  Width: 3.00 Height: 4.88 Depth: 2.81	ED, EDH, EDC  Width: 4.13 Height: 6.00 Depth: 3.38	EHD  Width: 4.13 Height: 6.00 Depth: 3.38	FDB, FD, HFD, FDC  Width: 4.13 Height: 6.00 Depth: 3.38		
Replacement Circuit Breakers							
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.	EB ①  Width: 4.13 Height: 6.00 Depth: 3.38	No Previous Circuit Breaker Existed	CA, CAH, HCA ①  Width: 4.13 Height: 6.50 Depth: 2.69	EHB ①  Width: 4.13 Height: 6.00 Depth: 3.38	FB ①, HFB  Width: 4.13 Height: 6.00 Depth: 3.38		
Out-of-Production Westinghouse Circuit Breakers							
These circuit breakers are no longer manufactured. *Indicates the last date of manufacture. As an option, any of these circuit breakers can be reconditioned at the original factory. For details, see Page 3-5, or contact your local Eaton Field Sales office.	E, EA  * 1974 Width: 4.13 Height: 6.00 Depth: 3.38		QCC  * 1968 Width: 4.50 Height: 7.00 Depth: 3.38	EH  * 1974 Width: 4.13 Height: 6.50 Depth: 3.38	FA, HFA  * 1974 Width: 4.13 Height: 6.50 Depth: 3.38 <hr/> <table border="0"> <tr> <td>F, HF  1974 W: 4.13 H: 9.38 D: 4.06</td> <td>G  1965 W: 8.25 H: 9.38 D: 4.06</td> </tr> </table>	F, HF  1974 W: 4.13 H: 9.38 D: 4.06	G  1965 W: 8.25 H: 9.38 D: 4.06
F, HF  1974 W: 4.13 H: 9.38 D: 4.06	G  1965 W: 8.25 H: 9.38 D: 4.06						
Out-of-Production Cutler-Hammer Circuit Breakers Last Manufactured by Eaton in 1994							
				FS, EC, EHC  Width: 4.13 Height: 6.13 Depth: 3.38	FS, FH, FC, HFC  Width: 4.13 Height: 6.13 Depth: 3.19 <hr/> FL  Width: 4.13 Height: 9.31 Depth: 3.19		

① These frames are obsolete. For replacement solutions see the cross-reference on Pages 3-97 – 3-118.

Series C Industrial Circuit Breakers

Table 3-8. Series C Industrial Circuit Breakers — Dimensions in Inches (Per 3-Pole Breaker)

Maximum Amperes						
150 A	225 A, 250 A			400 A	600 A	
Current Design						
FDB, FD, HFD, FDC  Width: 4.13 Height: 6.00 Depth: 3.38	JD, HJD, JDC 250 Ampere  Width: 4.13 Height: 10.00 Depth: 4.06	JDB 250 Ampere  Width: 4.13 Height: 10.00 Depth: 4.06	DK ②  Width: 5.50 Height: 10.13 Depth: 4.06	KD, HKD, KDC ②  Width: 5.50 Height: 10.13 Depth: 4.06	KDB  Width: 5.50 Height: 10.13 Depth: 4.06	LD, HLD, LDB  Width: 8.25 Height: 10.75 Depth: 4.06
Replacement Circuit Breakers						
FB ①, HFB  Width: 4.13 Height: 6.00 Depth: 3.38	KB ①, HKB ① 250 Amp  Width: 4.13 Height: 10.00 Depth: 4.06	JB ① 250 Amp  Width: 4.13 Height: 10.00 Depth: 4.06	DA ①  Width: 5.50 Height: 10.13 Depth: 4.06	LB ①, HLB ②  Width: 5.50 Height: 10.13 Depth: 4.06	LBB ①  Width: 5.50 Height: 10.13 Depth: 4.06	LC ①, HLC  Width: 8.25 Height: 10.75 Depth: 4.06
	KA ①, HKA 225 Amp  Width: 5.50 Height: 10.13 Depth: 4.06	JA ① 225 Amp  Width: 5.50 Height: 10.13 Depth: 4.06		LA ①, HLA  Width: 8.25 Height: 10.75 Depth: 4.06	LAB ①  Width: 8.25 Height: 10.75 Depth: 4.06	LA ①, HLA  Width: 8.25 Height: 10.75 Depth: 4.06
Out-of-Production Westinghouse Circuit Breakers						
FA, HFA  *1974 Width: 4.13 Height: 6.50 Depth: 3.38 *Indicates the last date of manufacture.	JK 225 Amp *1967 Width: 8.25 Height: 10.75 Depth: 4.06	J 225 Amp *1967 Width: 8.25 Height: 10.13 Depth: 4.06		JKL  *1967 Width: 8.25 Height: 10.75 Depth: 4.06		L, LM, HLM  *1967 Width: 8.25 Height: 22.00 Depth: 5.50 SPCB 600 A, SCB 600 A *1986 (Consult Eaton) Width: 8.25 Height: 10.75 Depth: 4.06
	K, HK 225 Amp *1967 Width: 8.25 Height: 15.50 Depth: 4.06			KL, HKL  *1967 Width: 8.25 Height: 15.75 Depth: 4.06		
Out-of-Production Cutler-Hammer Circuit Breakers Last Manufactured by Eaton in 1994						
FS, FH, FC, HFC  Width: 4.25 Height: 6.13 Depth: 3.19	JS, JH, JL  Width: 4.25 Height: 12.00 Depth: 3.81	JS  Width: 4.25 Height: 12.00 Depth: 3.81	KS-D, KS  Width: 5.50 Height: 10.13 Depth: 3.81	KS-D, KH-D, KS, KH  Width: 5.50 Height: 10.13 Depth: 3.81	KS-D, KH-D, KS, KH  Width: 5.50 Height: 10.13 Depth: 3.81	LS(E), LH(E), LS(A), LH(A)  Width: 8.25 Height: 10.75 Depth: 3.81

① These frames are obsolete. For replacement solutions see the cross-reference on Pages 3-97 – 3-118.

② When upgrading a HLB, LBB to a Series C K-Frame in a panelboard application, also order TAD3 spacer kit.





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Series C Industrial Circuit Breakers

Table 3-9. Series C Industrial Circuit Breakers — Dimensions in Inches (Per 3-Pole Breaker)






Description	Maximum Amperes		
	800 A	1200 A	1600 A/2000 A/2500 A ①

Current Design



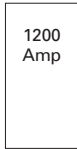


<p>Series C Circuit Breakers are the current offering and, as such, are a logical first choice when upgrading or retrofitting equipment.</p> <p>All circuit breakers listed in a column are ELECTRICALLY INTERCHANGEABLE.</p>	MDL, HMDL	ND, HND, NDC	ND, HND, NDC	RD
				
	Width: 8.25 Height: 16.00 Depth: 4.06	Width: 8.25 Height: 16.00 Depth: 5.50	Width: 8.25 Height: 16.00 Depth: 5.50	Width: 15.50 Height: 16.00 Depth: 9.75

3



Replacement Circuit Breakers

<p>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.</p>	MA ②, HMA, MD ②, MDS ② and MC ②	MA ②, HMA and MC ②, MCC ② SELTRONIC™ ②	NC ②, HNC and NB ②, HNB	PC, PCC	PB
					
	Width: 8.25 Height: 16.00 Depth: 4.06	Width: 8.25 Height: 16.00 Depth: 4.06	Width: 8.25 Height: 16.00 Depth: 5.50	Width: 12.06 Height: 22.06 Depth: 9.06	Width: 12.06 Height: 22.06 Depth: 9.06

Out-of-Production Westinghouse Circuit Breakers

<p>These circuit breakers are no longer manufactured.</p> <p>*Indicates the last date of manufacture. As an option, any of these circuit breakers can be reconditioned at the original factory. For details, see Page 3-5, or contact your local Eaton Field Sales office.</p>	LM, HLM and M	LM, HLM and M	MA, HMA	MA, HLM	PA
					
	*1967	*1967	1200 Amp		*1974
	Width: 8.25 Height: 22.00 Depth: 5.50	Width: 8.25 Height: 22.00 Depth: 5.50	W: 8.25 H: 16.00 D: 5.50	W: 8.25 H: 22.00 D: 5.50	Width: 12.00 Height: 22.00 Depth: 9.06
			SPCB 1200 A, SCB 1200 A *1986 (Consult Eaton)		SPCB 2000 – 3000 A, SCB 2000 – 3000 A *1986 (Consult Eaton)
		W: 8.25 H: 16.00 D: 5.50		W: 12.06 H: 22.06 D: 9.06	






Out-of-Production Cutler-Hammer Circuit Breakers Last Manufactured by Eaton in 1994

MS, MH	NS, NH	No Equivalent Cutler-Hammer Brand Frame Size Existed	No Equivalent Cutler-Hammer Brand Frame Size Existed
			
Width: 8.25 Height: 16.00 Depth: 4.06	Width: 8.25 Height: 16.00 Depth: 5.50		

① RD Breaker replaces PC, PCC and PB Breakers for 2000 and 2500 amperes only.
② These frames are obsolete. For replacement solutions see the cross-reference on Pages 3-97 – 3-118.

Current Limiting Circuit Breakers



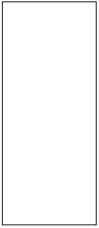
Table 3-10. Current Limiting Circuit Breakers — Dimensions in Inches (Per 3-Pole Breaker)

Description	Maximum Amperes				
	100 A	250 A	400 A	100 A	225 A
Current Design					
<p>All circuit breakers listed in a column are ELECTRICALLY INTERCHANGEABLE.</p>	<p>FCL Current Limit-R (Non-Fused)</p>  <p>Width: 4.13 Height: 8.75 Depth: 3.38</p>	<p>LCL Current Limit-R (Non-Fused)</p>  <p>Width: 8.25 Height: 16.00 Depth: 4.06</p>	<p>LCL Current Limit-R (Non-Fused)</p>  <p>Width: 8.25 Height: 16.00 Depth: 4.06</p>	<p>FB TRI-PAC® (Fused)</p>  <p>Width: 4.13 Height: 8.75 Depth: 3.50</p>	<p>LA TRI-PAC (Fused)</p>  <p>Width: 8.25 Height: 16.00 Depth: 4.75</p>

Replacement Circuit Breakers

<p>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.</p>					
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Out-of-Production Westinghouse Circuit Breakers

<p>These circuit breakers are no longer manufactured.</p> <p>*Indicates the last date of manufacture. As an option, any of these circuit breakers can be reconditioned at the original factory. For details, see Page 3-5, or contact your local Eaton Field Sales office.</p>				<p>FA TRI-PAC</p>  <p>*1968 W: 4.13 H: 9.38 D: 3.19</p>	<p>F TRI-PAC</p>  <p>*1968 W: 4.63 H: 11.81 D: 3.81</p>	<p>K TRI-PAC</p>  <p>*1968 Width: 8.25 Height: 19.63 Depth: 4.06</p>
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Out-of-Production Cutler-Hammer Circuit Breakers Last Manufactured by Eaton in 1994

<p>No Equivalent Cutler-Hammer Brand Frame Sizes Existed</p>
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