



High Power Controller 200A Series

221 Weaver Street, Fall River, MA 02720

Tel# 508-676-7345 • 800-879-7918 • Fax# 508-676-7346

www.hbcontrols.com



- High power controller module assembly rated to 200A/pole @ 40° C (100% duty cycle)
- 90° C over-temp cutout switch standard
- Modules: UL. Fan: UL, CSA, VDE, CE
- Ball bearing fan standard; 50/60 Hz
- Fan options: B - 120VAC fan, C - 240VAC fan, I - 24VDC fan (Add letter of fan to end of part # EX: LPCH-200B2F denotes a 120VAC fan)
- 2/0 Terminal lugs standard

OUTPUT SPECIFICATIONS	
Operating Voltage (47-63 Hz) [VAC]	100-600
Load Current Range [A]	1-200
Transient Overvoltage [Vpk]	PENDING
Max. Surge Current, (10 mS) [Apk]	5000
Max. On-State Voltage Drop [Vpk]	1.6
Min. Response Time [mS]	<50
Max I ² t for Fusing (10mS)	125000
Max Off-State Leakage Current [mArms]	40

INPUT SPECIFICATIONS: (User selectable)

0-10VDC

0-5VDC

2-10VDC

1-5VDC

Potentiometer

0-20mA

4-20mA

24VDC/VAC Needed To Power Control Circuitry

Part

XXXH-200X¹F-3

XXX=LPC for Phase angle control

TP for Time proportioned control

X¹=Fan Type (B, C, or I)



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