

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

BEL FUSE / POWER-ONE

Bel Fuse / Power-One HCC15-3-A DC Power Supply

The Bel Fuse / Power-One HCC15-3-A is a linear DC power supply delivering stable, regulated output across dual channels for industrial and electronic equipment. Part of the International Series, this chassis-mount unit accepts worldwide AC input (100–264 VAC, 47–63 Hz) and meets UL, CSA, TÜV, and CE Low Voltage Directive approvals. Overvoltage protection standard on 5V outputs; optional user-adjustable modules (6.4–34 V) for other configurations Physical & Thermal Aumictech offers NIST-traceable calibration and repair for the Bel Fuse / Power-One HCC15-3-A. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Bel Fuse / Power-One HCC15-3-A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.



MODEL

Bel Fuse / Power-One HCC15-3-A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

HCC15-3-A

LISTING

<https://aumictechlabs.com/products/hcc15-3-a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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UL, CSA, TÜV, and CE Low Voltage Directive approvals. Technical Specifications Electrical Performance Input: 100–264 VAC, 47–63 Hz Dual output configuration: ± 12 VDC or ± 15 VDC selectable Output current: 3.4 A @ 12V, 3 A @ 15V per channel Output power: 81.6–90 W Output regulation: $\pm 0.05\%$ Low output ripple Output isolation: 3 kV Efficiency: 55% MTBF: >300,000 hours Protection & Control Remote sense provided Output inhibit available on select models Master/slave parallel operation capability on select models Overvoltage protection standard on 5V outputs; optional user-adjustable modules (6.4–34 V) for other configurations Physical & Thermal Open-frame, convection-cooled design Dimensions: 142.75 × 123.7 × 83.31 mm Weight: 6.94 lbs Forced-air cooling (100 LFM minimum) required above 75% rated load at 50 °C Operating temperature: 0–70 °C 100% burn-in tested Key Features Worldwide AC input support eliminates regional supply complications Dual isolated output channels enable bipolar rail applications Selectable voltage outputs accommodate diverse load requirements $\pm 0.05\%$ regulation maintains precision in sensitive circuits High isolation voltage (3 kV) provides clean power separation Extended MTBF ensures reliability in deployments Configurable overvoltage protection with user-adjustable thresholds Typical Applications Industrial instrumentation, medical equipment, telecom power distribution, data acquisition systems, and laboratory test benches requiring dual-rail, isolated DC supplies with tight voltage regulation. Compatibility & Integration Screw, panel, and chassis mounting options support flexible mechanical integration. Remote sense capability compensates for load-lead voltage drop. Optional output inhibit and parallel master/slave modes enable distributed power architectures. RoHS compatible.

HCC153A Characteristics / Specifications

PARAMETER	VALUE
Model	HCC15-3-A
Instrument Type	Dual output linear AC-DC power supply
Output Voltage Positive	15 V
Output Voltage Negative	15 V
Rated Current Each Output	3 A
Case Type	CC
Ac Input Voltage Taps	100 120 220 240 Vac
Ac Input 120 Vac Tap Range	104 to 132 Vac
Ac Input 240 Vac Tap Range	209 to 264 Vac
Input Frequency	47 to 63 Hz
Line Regulation Typical Models	plus or minus 0.05 percent
Load Regulation Typical Models	plus or minus 0.05 percent
Output Adjustment Range	plus or minus 5 percent of nominal
Ripple And Noise 12 To 15 V Models	5.0 mV p-p maximum 20 MHz
Efficiency At 12 To 15 V	55 percent typical class
Remote Sense Compensation	250 mV total cable drop where provided
Dielectric Input To Case	2121 Vdc
Dielectric Input To Output	4242 Vdc
Leakage Current At 264 Vac	23 to 50 uA
Overcurrent Protection	automatic current limit foldback 115 to 140 percent
Operating Temperature Full Load	0 to 50 C
Operating Temperature 40 Percent Load	to 70 C
Derating Above 50 C	3 percent perCStorage Temperature: -40 to plus 85 C
Temperature Coefficient	0.1 to 0.3 percent perCRelative Humidity: 5 to 95 percent RH non-condensing
Shock Operating	20 G peak

PARAMETER	VALUE
Vibration	6.15 Grms 10 Hz to 2 kHz
Dimensions Inches	9.38 × 4.87 × 3.28
Dimensions Mm	238.25 × 123.70 × 83.31
Mtbf Class	greater than 300000 hours
Additional Feature Code	C remote sense
Storage temperature	40 to plus 85 C
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General Specifications & Supplementary Characteristics

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Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.