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Data Sheet

August 15, 2026

HITRON

HiTron HSU360T-32-1 Power Supply

HiTron DC Power Supplies. Voltage: 115 V AC / 230 V AC, Current: 65 A @ 230 V AC typical, Current: 0.3 mA @ 230 V AC typical.



MODEL

HiTron HSU360T-32-1

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

HSU360T-32-1

LISTING

<https://aumictechlabs.com/products/hsu360t-32-1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The HiTron HSU360T-32-1 is a 360 W switching-mode power supply engineered for industrial VMEbus systems. Built on forward-converter topology, this dual-converter unit delivers stable power with 75–80% efficiency and operates across dual-selectable AC input ranges. The 12HP × 6U × 160 mm form factor mounts directly into 19-inch compatible Eurocard slots, making it ideal for distributed power architectures in modular instrumentation and control systems. Technical Specifications Power Delivery & Efficiency Output: 360 W total Efficiency: Typically 75–80% Switching frequency: 100 kHz Power density: 2.28 W/in³ Line regulation: 0.4% typical Load regulation: ±1.0% (VO1, VO2); ±3.0% (VO3, primary regulated) Output noise/ripple: 1% peak-to-peak typical Input Stage Voltage: 115 V AC / 230 V AC, dual selectable Frequency: 47–63 Hz Current draw: 6.2 A @ 115 V AC; 3.0 A @ 230 V AC Inrush current: 65 A @ 230 V AC typical Connector: DIN 41612 Leakage current: 0.3 mA @ 230 V AC typical Output Configuration Connector: DIN 41612 rear-mounted Main outputs: Three rails (VO1, VO2, VO3) Remote sense: VO1 Overvoltage protection: Latching, built-in Overload & short-circuit protection: Fully protected

Hold-up time: 20 mS typical Environmental Operating: 0 to +50°C at full load; linear derating to +70°C at half load Storage: -20 to +85°C Temperature coefficient: 0.04%/°C typical Cooling requirement: 60 CFM forced air minimum (full load) Key Features Double converter architecture for improved transient response Adjustable main outputs (VO1, VO2, VO3) Optional power-fail/OK signaling Remote logic inhibit capability Over-temperature protection (OTP) IEC 60950-1 / UL 60950-1 Class I safety certification CISPR 22 & FCC Class A EMI compliance Typical Applications VMEbus instruments, distributed power systems, industrial control modules, and modular test equipment requiring dual AC supply flexibility and compact Eurocard integration. Compatibility & Integration DIN 41612 connector architecture ensures direct integration into 19-inch VMEbus-compliant enclosures. Weight is 2.80 kg (6.17 lb).

HSU360T32 Characteristics / Specifications

PARAMETER	VALUE
Model	HSU360T-32-1
Chart Model	HSU360T-T050II (HSU360T-32)
Instrument Type	multi-output VME Eurocard switching supply
Output Wattage	360 W typical
Vo1	5.0 V, 60.0 A typical, 45 to 70 A max class on T050II (70 A max)
Vo1 Typical Current	60.0 A at 5.0 V
Vo1 Max Current	70 A at 5.0 V
Vo2	12.0 V, 2.50 A typical, 3.5 A max
Vo3	12.0 V, 2.0 A typical, 3.0 A max, post regulator
Input Voltage	115 Vac / 230 Vac dual selectable
Input Frequency	47 to 63 Hz
Input Current	HSU360T 6.2 A at 115 Vac / 3.0 A at 230 Vac
Inrush Current	typically 65 A at 230 Vac
Hold Up Time	typically 20 ms
Earth Leakage	typically 0.3 mA at 230 Vac
Line Regulation	typically 0.4 percent
Load Regulation Main	VO1/VO2 typically plus or minus 1.0 percent
Load Regulation Post	VO3 typically plus or minus 3.0 percent (post regulator)
Noise Ripple	typically 1 percent peak to peak
Efficiency	typically 75 to 80 percent
Switching Frequency	typically 100 kHz
Topology	forward, HSU360T dual-converter architecture
Transient Response	typically 3 ms after 25 percent load change
Power Density	2.28 W per cubic inch
Form Factor	12HP x 6U x 160 mm 19 inch double Eurocard VMEbus

PARAMETER	VALUE
Connector	DIN 41612; mating DIN41612-H15 female
Mass	2.80 kg (6.17 lb)
Operating Temperature	0 to plus 50 C full load; derate linearly to plus 70 C at half load
Storage Temperature	minus 20 to plus 85 C
Temperature Coefficient	typically 0.04 percent perC Cooling: at least 60 cfm forced air for full load
Safety Class	IEC 60950-1 / UL 60950-1 Class I Emi Class: CISPR PUB. 22 and FCC Class A Remote Sense: installed on main VO1
Manufacturer	HiTron Electronics
Literature	HiTron HSU360 / HSU360T dual selectable 360 W Eurocard datasheet ratings chart
Family	HSU360T 360 W dual-converter VME supplies
System Role	crate 5 V and 12 V bulk power

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 20 to plus 85 C
Operating temperature	0 to plus 50 C full load; derate linearly to plus 70 C at half load
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Family	HSU360T 360 W dual-converter VME supplies
System Role	crate 5 V and 12 V bulk power Notes From HiTron HSU360/HSU360T datasheet (HSU360T-32 = T050II 5 V 60/70 A, 12 V 2.5/3.5 A, 12 V 2.0/3.0 A, 115/230 Vac, 12HP x 6U x 160 mm, 2.80 kg). Suffix -1 is the HSU360T-32 configurator; pin assignments are on the same DIN41612 chart.

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	
Technical Specifications	
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Vo1 Typical Current	60.0 A at 5.0 V
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Vo2	12.0 V, 2.50 A typical, 3.5 A max
Vo3	12.0 V, 2.0 A typical, 3.0 A max, post regulator
Input Voltage	115 Vac / 230 Vac dual selectable
Input Frequency	47 to 63 Hz
Input Current	HSU360T 6.2 A at 115 Vac / 3.0 A at 230 Vac
Inrush Current	typically 65 A at 230 Vac
Hold Up Time	typically 20 ms
Earth Leakage	typically 0.3 mA at 230 Vac
Line Regulation	typically 0.4 percent
Load Regulation Main	V01/V02 typically plus or minus 1.0 percent
Load Regulation Post	V03 typically plus or minus 3.0 percent (post regulator)
Noise Ripple	typically 1 percent peak to peak
Efficiency	typically 75 to 80 percent
Switching Frequency	typically 100 kHz
Topology	forward, HSU360T dual-converter architecture
Transient Response	typically 3 ms after 25 percent load change
Power Density	2.28 W per cubic inch
Form Factor	12HP x 6U x 160 mm 19 inch double Eurocard VMEbus
Connector	DIN 41612; mating DIN41612-H15 female

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Temperature Coefficient	typically 0.04 percent per C
Cooling	at least 60 cfm forced air for full load
Safety Class	IEC 60950-1 / UL 60950-1 Class I
Emi Class	CISPR PUB. 22 and FCC Class A
Remote Sense	installed on main V01
Manufacturer	HiTron Electronics
Literature	HiTron HSU360 / HSU360T dual selectable 360 W Eurocard datasheet ratings chart
Family	HSU360T 360 W dual-converter VME supplies
System Role	crate 5 V and 12 V bulk power

Specifications

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PARAMETER	VALUE
Load Regulation Post	V03 typically plus or minus 3.0 percent (post regulator)
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Safety Class	IEC 60950-1 / UL 60950-1 ClassIEmi Class: CISPR PUB. 22 and FCC ClassARemote Sense: installed on main V01
Manufacturer	HiTron Electronics
Literature	HiTron HSU360 / HSU360T dual selectable 360 W Eurocard datasheet ratings chart
Family	HSU360T 360 W dual-converter VME supplies
System Role	crate 5 V and 12 V bulk power

Notes

From HiTron HSU360/HSU360T datasheet (HSU360T-32 = T050II 5 V 60/70 A, 12 V 2.5/3.5 A, 12 V 2.0/3.0 A, 115/230 Vac, 12HP x 6U x 160 mm, 2.80 kg). Suffix -1 is the HSU360T-32 configurator; pin assignments are on the same DIN41612 chart.

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

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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.