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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec 73-554-0330 Power Supply Module

The Emerson / Artesyn / Astec 73-554-0330 is a 144 W chassis-mount power supply module engineered for industrial and commercial systems requiring multiple isolated outputs with integrated protection and control. This MP4 Module range unit delivers dual-output configurations with 12 V / 15 V options and incorporates current sharing, remote sense, voltage adjustment, and module inhibit functionality across all outputs. Output configurations: 4LL (V1 = 12 V at 10 A, V2 = 12 V at 4 A); 4NN (V1 = 15 V, V2 = 15 V) Aumictech offers NIST-traceable calibration and repair for the Emerson / Artesyn / Astec 73-554-0330. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Emerson / Artesyn / Astec 73-554-0330 is listed at . Calibration is available separately from . Contact us for volume prici



MODEL

**Emerson / Artesyn
/ Astec 73-554-
0330**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

73-554-0330

LISTING

<https://aumictechlabs.com/products/73-554-0330-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Emerson / Artesyn / Astec 73-554-0330 is a 144 W chassis-mount power supply module engineered for industrial and commercial systems requiring multiple isolated outputs with

integrated protection and control. This MP4 Module range unit delivers dual-output configurations with 12 V / 15 V options and incorporates current sharing, remote sense, voltage adjustment, and module inhibit functionality across all outputs. Technical Specifications Electrical Performance Power rating: 144 W Input voltage: 115/230 VAC, 60 Hz Output configurations: 4LL (V1 = 12 V at 10 A, V2 = 12 V at 4 A); 4NN (V1 = 15 V, V2 = 15 V) Switching frequency: 250 kHz Output/output isolation: > 1 M Ω Precharge resistor (4NN): 12 Ω Isolated 5 V bias voltage available Power factor correction included Protection & Control Current share on outputs rated 10 A or greater Remote sense on outputs > 2 A Overload protection on all outputs Voltage adjustment on all outputs Module inhibit: TTL, isolated (singles and dual outputs) Global DC OK signal Input-OK signal with status indicator LED Physical & Thermal Dimensions: 330 mm $\times$ 280 mm $\times$ 23 mm Weight: 1.2 kg Cooling: Forced air with field-replaceable fan Key Features The module supports external output sequencing via isolated TTL module inhibit control. Global and individual enable/inhibit capability allows flexible power management in multi-module systems. Margining is available on single-output modules for precision voltage tuning. All outputs feature independent overload protection with voltage adjustment range across the load envelope. Compliance The unit meets EN61000-3-2 harmonic distortion limits and CISPR22 / EN55022 Curve B conducted and radiated EMI standards. CE Mark compliance is maintained. Servicing must be performed at an Astec Authorized Service Station to preserve safety certification. System-level line disconnection and grounding provisions protect against shock hazards. Compatibility & Integration The 73-554-0330 integrates into the MVP Series and MP4 Module range ecosystems, supporting multi-module configurations with shared control and inhibit signaling.

735540330 Characteristics / Specifications

PARAMETER	VALUE
Model	73-554-0330
Instrument Type	MP Series dual-output power module
Module Code	4EN
Output 1 Voltage	5 V
Output 1 Current	8 A
Output 2 Voltage	15 V
Output 2 Current	4 A
Module Power Class	144 W
Preload Resistor	12 ohm on 73-554-0330 Astec RoHS listing
Slot Width	1
Dual Total Power Limit	144 W
Input Voltage Ac	85 to 264 VAC
Input Voltage Dc	120 to 350 VDC
Power Factor Typical	0.99 meets EN61000-3-2
Efficiency Typical	70 to 80 percent at full case load
Holdover Storage	20 ms minimum
Ac Ok Warning	greater than 5 ms before loss of regulation
Emi Filter	CISPR 22 EN55022 LevelBLeakage Current Standard: 2.0 mA maximum at 240 VAC
Turn On Time Ac	1.5 s typical
Inhibit Enable Delay	150 ms typical
Current Share Threshold	outputs rated 10 A or greater
Remote Sense Threshold	outputs rated greater than 2 A
Overload Protection	all outputs
Voltage Adjustment	all outputs
Margining	single output modules

PARAMETER	VALUE
Input Ok	signal and status indicator LED
Isolation	meets EN60950 class
Harmonic Current	meets EN61000-3-2
Manufacturer	Artesyn / Emerson / Astec

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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Notes

Output voltages and currents from the 73-554-0330 configuration listing (4EN: 5 V at 8 A, 15 V at 4 A). 144 W dual class and 12 ohm preload from the Astec RoHS MP composition table. Platform rows from the Artesyn MP Series datasheet.

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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<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.