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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec 73-936-0048 3KW Switching Power Supply

The Emerson Artesyn 73-936-0048 is a 3 kW switching power supply module engineered for Industrial, IT, and Medical applications. This single-output 48 V DC fixed supply delivers 62.5 A across a wide AC input range of 180 V AC to 528 V AC (47–63 Hz), with specific voltage bands for multi-phase configurations. Operating at 91% efficiency with power factor exceeding 0.98 at full load, the unit maintains low harmonic distortion (THD < 13%, PWHD 0.98 @ full load, nominal line Programmable voltage or current sourcing with analog control (0–5 V or 0–10 V) or digital interfaces (Ethernet UDP/TCP/IP, RS485, CAN via PowerPro Connect Module)

Aumictech offers NIST-traceable calibration and repair for the Emerson / Artesyn / Astec 73-936-0048. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Emerso



MODEL

**Emerson / Artesyn
/ Astec 73-936-
0048**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

73-936-0048

LISTING

<https://aumictechlabs.com/products/73-936-0048-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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739360048 Characteristics / Specifications

PARAMETER	VALUE
Model	73-936-0048
Instrument Type	Switching power supply
Output Power	3 kW
Manufacturer	Emerson Artesyn Astec
Conversion	switching
Input	AC mains PFC class
Mechanical Package	rack/module
Cooling	forced air
Protection	overvoltage overcurrent overtemperature
Share	current share class
Hot Swap	class
Operating Temperature Class	0 to 50 C
Isolation	safety isolation
Holdup Class	milliseconds
Efficiency Class	high efficiency switching
Ripple Class	switching ripple
Grounding	chassis ground
Related Module 735	family power module
Related Module 73554 02	family power module
Related Module 73554 05	family power module
Duty	continuous
Connector	high current bus
Operating temperature	Class: 0 to 50 C

739360048 Specifications

PARAMETER	VALUE
Key Features	3 kW switching conversion
Astec / Artesyn / Emerson numbering	Related 73-55x modules in the same family
Technical Specifications	Model: 73-936-0048

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 50 C
Operating Temperature	Class: 0 to 50 C
Operating Temperature Class	0 to 50 C
Isolation	safety isolation
Holdup Class	milliseconds
Efficiency Class	high efficiency switching
Ripple Class	switching ripple
Grounding	chassis ground
Related Module 735	family power module
Related Module 73554 02	family power module
Related Module 73554 05	family power module
Duty	continuous
Connector	high current bus Notes Identity from Emerson/Artesyn/Astec 73-936-0048 3KW Switching Power Supply listing. Exact output voltage and current for 0048 and the 73-55x siblings are on the Astec/Artesyn model table matching each dash number.

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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PARAMETER	VALUE
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Share	current share class
Hot Swap	class
Operating Temperature Class	0 to 50 C
Isolation	safety isolation
Holdup Class	milliseconds
Efficiency Class	high efficiency switching
Ripple Class	switching ripple
Grounding	chassis ground
Related Module 73551	family power module
Related Module 73552	family power module
Related Module 73553	family power module
Related Module 73554 0220	family power module
Related Module 73554 0550	family power module
Duty	continuous
Connector	high current bus

Notes

Identity from Emerson/Artesyn/Astec 73-936-0048 3KW Switching Power Supply listing. Exact output voltage and current for 0048 and the 73-55x siblings are on the Astec/Artesyn model table matching each dash number.

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

788 S 500 E, Pleasant Grove, UT 84062
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.