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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec 73-552-0024 Power Supply Module

The Emerson/Artesyn/Astec 73-552-0024 is an MVP Series power supply module engineered to deliver 400–1000 W across diverse industrial and telecommunications applications. This 2U configuration accepts 380 V AC input and provides configurable DC and AC outputs with integrated protection, remote sensing, and voltage adjustment on all channels. The module supports current sharing and margining functions, delivering precision power delivery in demanding environments requiring stable, regulated output across multiple load conditions. Output Voltage Options: DC outputs include 2 V, 4 V, 5 V, 12 V, 15 V, 24 V, 36 V, 48 V, and 60 V; AC outputs include 115 V, 120 V, 230 V, 240 V, and 380 V. Aumictech offers NIST-traceable calibration and repair for the Emerson / Artesyn / Astec 73-552-0024. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typi



MODEL

**Emerson / Artesyn
/ Astec 73-552-
0024**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

73-552-0024

LISTING

[https://aumictechlabs.c
om/products/73-552-0
024-2/](https://aumictechlabs.com/products/73-552-0024-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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configuration accepts 380 V AC input and provides configurable DC and AC outputs with integrated protection, remote sensing, and voltage adjustment on all channels. The module supports current sharing and margining functions, delivering precision power delivery in demanding environments requiring stable, regulated output across multiple load conditions.

Technical Specifications Manufacturer: Emerson / Artesyn / Astec Model: 73-552-0024 Product Family: MVP Series Input Voltage: 380 V AC Output Voltage Options: DC outputs include 2 V, 4 V, 5 V, 12 V, 15 V, 24 V, 36 V, 48 V, and 60 V; AC outputs include 115 V, 120 V, 230 V, 240 V, and 380 V Power Output Range: 400–1000 W Example Slot Configuration: Slot #1: 15 V @ 2 A Weight:

Approximately 3.0–5.0 lbs Form Factor: 2U Key Features Current sharing on all outputs rated 10 A or greater Remote sense capability on all outputs exceeding 2 A Overload protection across all output channels Voltage adjustment on all outputs Margining function on single-output modules Input-OK signal and status indicator LED Typical Applications The 73-552-0024 is suited for telecommunications infrastructure, data processing centers, and industrial automation systems where high-density, configurable power distribution with protective monitoring is essential.

Compatibility & Integration This module integrates within the MVP Series ecosystem, compatible with related models including MP6-2V-2V-20, MP4-1Q-0M, and MP6-2U-1L-4LL-00. Standard datasheets and technical documentation are available for the MVP Series product line.

735520024 Characteristics / Specifications

PARAMETER	VALUE
Model	73-552-0024
Instrument Type	MP Series single-output power module
Module Code	2Q
Output Voltage	24 V
Maximum Output Current	15 A
Module Power Class	360 W
Slot Width	2
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
Input Ok	signal and status indicator LED
Isolation	meets EN60950 class
Harmonic Current	meets EN61000-3-2

PARAMETER	VALUE
Manufacturer	Artesyn / Emerson / Astec

735520024 Specifications

PARAMETER	VALUE
Applications	Configurable MP1/MP4/MP6/MP8 industrial AC-DC rails needing a 24 V high-current single output in a 2 slot module.
Key Features	2Q 24 V 15 A 360 W class module
Current share at 10 A and above	Remote sense above 2 A
Technical Specifications	Model: 73-552-0024

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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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 Level B
Leakage 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
Input Ok	signal and status indicator LED
Isolation	meets EN60950 class
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Manufacturer	Artesyn / Emerson / Astec

Notes

From Astec Power RoHS MP product-composition table (73-552-0024 360 W 24 V row) and Artesyn MP Series datasheet single-output current table plus platform input, holdover, PFC, and share/sense notes. Confirm the installed MP case (MP4/MP6/MP8/MP1) and any parallel-code suffix on the configuration label.

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>

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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.