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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec 73-554-0550 Power Supply Module

The Emerson/Artesyn/Astec 73-554-0550 is a power supply module designed for various electronic applications. It provides reliable and efficient power conversion, ensuring stable operation of connected devices. This module is suitable for use in industrial equipment, telecommunications systems, and other power-sensitive applications.

**MODEL****Emerson / Artesyn
/ Astec 73-554-
0550****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****73-554-0550****LISTING**[https://aumictechlabs.c
om/products/73-554-0
550-2/](https://aumictechlabs.com/products/73-554-0550-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson/Artesyn/Astec 73-554-0550 is a dual output power supply module from the MVP Series, engineered for industrial, telecommunications, and power-sensitive applications requiring reliable DC conversion. This module delivers 144W across dual outputs with integrated protection, regulation, and remote monitoring capabilities for demanding system architectures. Technical Specifications Manufacturer: Emerson / Artesyn / Astec Model: 73-554-0550 Product Family: MVP Series (MP6-2V-2V-20) Power Rating: 144W dual output configuration Input Voltage: 380 VDC Output Voltages: V1: 24V, V2: 28V Configuration: Dual output module Key Features Current share functionality on all outputs rated 10 A or greater Remote sense on all outputs rated greater

than 2 A Overload protection on all outputs Voltage adjustment capability on all outputs Margining support on single output modules Input-OK signal and status indicator LED Typical Applications The 73-554-0550 suits industrial equipment, telecommunications infrastructure, and systems where multiple isolated DC rails and precision voltage delivery are required. The dual 24V/28V output architecture supports applications requiring both primary and secondary power distribution with independent regulation. Compatibility & Integration As a member of the MVP Series family, this module integrates into modular power architectures historically ranging from 400–1000 Watts across the broader product line. Remote sense and current share features enable parallel operation and load distribution in redundant or multi-rail configurations.

735540550 Characteristics / Specifications

PARAMETER	VALUE
Model	73-554-0550
Instrument Type	MP Series dual-output power module
Module Code	4QR
Output 1 Voltage	24 V
Output 1 Current	4 A
Output 2 Voltage	28 V
Output 2 Current	3 A
Module Power Class	144 W dual
Slot Width	1
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
Input Ok	signal and status indicator LED
Manufacturer	Artesyn / Emerson / Astec

735540550 Specifications

PARAMETER	VALUE
Applications	MP configurable supplies needing dual 24 V/28 V industrial rails in one slot.
Key Features	Dual 24 V 4 A and 28 V 3 A
Remote sense above 2 A	MP Series 144 W dual class
Technical Specifications	Model: 73-554-0550

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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Output 2 Current	3 A
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Slot Width	1
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 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
Input Ok	signal and status indicator LED
Manufacturer	Artesyn / Emerson / Astec
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Manufacturer	Artesyn / Emerson / Astec

Notes

Output voltages and currents from the 73-554-0550 configuration listing (4QR: 24 V at 4 A and 28 V at 3 A). 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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.