

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec 73-551-0005 Power Supply Module

Emerson / Artesyn / Astec Power Supply Modules. Voltage: 380V AC, Voltage: 20V DC, Current: 1.0A.

**MODEL****Emerson / Artesyn
/ Astec 73-551-
0005****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****73-551-0005****LISTING**[https://aumictechlabs.c
om/products/73-551-00
05-2/](https://aumictechlabs.com/products/73-551-0005-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson/Artesyn/Astec 73-551-0005 is a 210W switching power supply module from the MP series, engineered for industrial modular power applications requiring distributed DC output. This chassis-mounted unit delivers 20V DC at 1.0A with 380V AC input, featuring integrated power factor correction and EN61000-3-2 harmonic compliance. The module incorporates current sharing on outputs rated 10A or greater, remote sense capability on outputs exceeding 2A, and overload protection across all outputs. Voltage adjustment and margining functions are available on single output modules. An Input-OK signal with status indicator LED, DC OK signal, and isolated 5V bias voltage support system-level control and monitoring. Global and individual inhibit/enable control enables flexible power sequencing within multi-module configurations. Technical Specifications Input Voltage: 380V AC Output Voltage: 20V DC Output Current: 1.0A Nominal

Power: 210W Load Sharing: Supported on outputs $\geq 10\text{A}$ Remote Sense: Supported on outputs $>2\text{A}$ Voltage Adjustment: All outputs Margining: Single output modules Power Factor Correction: Implemented Harmonic Distortion: EN61000-3-2 compliant EMI Performance: CISPR22, EN55022 Curve B conducted/radiated Key Features Overload protection on all outputs Input-OK and DC OK status indication with LED indicators Isolated 5V bias voltage supply Forced air cooling with field-replaceable fan Global and individual module inhibit/enable control CE Mark compliance Dimensions: $330 \times 280 \times 23\text{mm}$ Weight: 1.2kg Compatibility & Integration The 73-551-0005 integrates into the broader MP series ecosystem, including MP4, MP6, and MP1 configurations. It supports modular stacking architectures where multi-output power systems can range up to 1000–1200W depending on specific series configuration.

735510005 Characteristics / Specifications

PARAMETER	VALUE
Model	73-551-0005
Instrument Type	MP Series single-output power module
Module Code	1E
Output Voltage	5 V
Maximum Output Current	35 A
Module Power Class	210 W
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
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

735510005 Specifications

PARAMETER	VALUE
Applications	Configurable MP1/MP4/MP6/MP8 industrial AC-DC rails needing a 5 V high-current single output in a 1 slot module.
Key Features	1E 5 V 35 A 210 W class module
Current share at 10 A and above	Remote sense above 2 A
Technical Specifications	Model: 73-551-0005

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	
PARAMETER	VALUE
Model	73-551-0005
Instrument Type	MP Series single-output power module
Module Code	1E
Output Voltage	5 V
Maximum Output Current	35 A
Module Power Class	210 W
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
Margining	single output modules
Input Ok	signal and status indicator LED
Isolation	meets EN60950 class
Harmonic Current	meets EN61000-3-2
Manufacturer	Artesyn / Emerson / Astec

Specifications

PARAMETER	VALUE
Model	73-551-0005
Instrument Type	MP Series single-output power module
Module Code	1E
Output Voltage	5 V
Maximum Output Current	35 A
Module Power Class	210 W
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
Margining	single output modules
Input Ok	signal and status indicator LED
Isolation	meets EN60950 class
Harmonic Current	meets EN61000-3-2
Manufacturer	Artesyn / Emerson / Astec

Notes

From Astec Power RoHS MP product-composition table (73-551-0005 210 W 5 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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.