



### KEY FEATURES

- Six Sequencer Timing Sections, 1,3, or 6 Second Intervals
- Six Independent ECM Connections
- Six Independent Contact Closures
- Front Panel Digital AC Mains Voltage and Current Meter
- Front & Rear Mounted XLR Connector for 12VDC Gooseneck LED Lamp
- One AP-GNL18 LED Gooseneck Lamp Included
- External Switch Sequence Trigger Activation
- External DCV Sequence Trigger Activation 5VDC – 24VDC
- Abnormal AC Line Voltage Indicator for Voltages Between 101VAC – 107VAC or 128VAC – 132VAC
- Extreme Voltage Shutdown (EVS) Below 101VAC or Above 132VAC Line

### APPLICATIONS

The ETA-ECS6RM was designed to be flexible with features that allow it to be used in a variety of applications. The sequenced outputs allow the turning of equipment On and Off in a particular order, to eliminate an inrush of current and audible pops that often occur with non-sequenced power strips. The following are just a few examples of applications in which the ETA-ECS6RM can be used:

- Restaurants
- Houses of Worship
- Schools
- Home Theaters
- Office Buildings
- Sports Bars
- Industrial Facilities

### GENERAL DESCRIPTION

The ETA-ECS6RM modular system has been designed to meet most installation requirements for AC power distribution, equipment power conditioning and surge suppression protection. The compact 1RU unit features six sequential timing sections that can be activated via the unit, or remotely. Up to three ETA-ECS6RM units can be daisy chained together with independent trigger timing settings providing a total of 18 sequence triggered outlets. The ETA-ECS6RM unit is the activation controller/monitor portion of the system and requires a 120VAC Mains ECM (Electrical Controlled Module) module for each triggered output. A variety of remote ECM AC modules are available to meet different installation requirements.

The ETA-ECS6RM can monitor up to six independent 20A AC main lines, both voltage and current readings can be viewed via the laboratory grade meters on the front panel. The ETA-ECS6RM has built in intelligence that monitors the AC lines and will indicate of potentially damaging voltages.

The ETA-ECS6RM features 6 sequenced independent relay contacts. The activation of the contacts work in parallel of the corresponding ECM triggered outputs. Activation can be done via the Front panel momentary switch, RMT V input (5-24VDC), External switch, or via the optional Remote ECS-KSW6 key switch. The ECS-KSW6 can be placed up to 1000 ft away from the ETA-ECS6RM and will indicate if an ECM is activated or if a fault condition has occurred on one or all six channels.

The ETA-ECS6RM offers Intelligent Sequenced Power Management control, making it the most flexible, effective power management protection system on the market today.



### ARCHITECT & ENGINEER SPECIFICATIONS

Power sequencer shall be ETA Systems model ETA-ECS6RM. Sequencer shall have six independent ECM connections with 3 timing sections, 1, 3, or 6 second intervals. Power sequencer shall include a front panel Digital Volt Meter for monitoring AC mains voltage and current. Power conditioner shall include a front and rear XLR connection for use with a 12VDC LED lamp. Power sequencer shall include external DCV sequence trigger activation between 5-24VDC for use with Atlas Sound Electrical Control Modules. Power sequencer shall be able to automatically shut down outlets during Extreme Voltage events when the voltage is above 132VAC or below 101VAC. Finish shall be textured black epoxy and dimensions shall be 19"W x 10.5"D x 1.75"H (482.6mm x 266.7mm x 44.5mm) to mount into 1RU of rack space.

### SPECIFICATIONS

Type	Electrical Control Sequencer
Sequencer Sections	6
Relay Sections	6
Sequence Timing	Unit Settings of 1, 3, or 6 Seconds
Safety Listing	ETL (UL 60065 Standard)

#### Front Panel

Lights	XLR Socket to Provide 12VDC for Optional 16" Atlas Power Gooseneck Lamp, AP-GNL18. (One Included)
LED Light Switch	Two Position On/Off
Activation Switch	Momentary
AC Mains Voltmeter	Three Digits (Digital)
AC Mains Current Meter	Three Digits (Digital)
Indicators	System On, External Trigger Mode, Slave Mode
Channel Selection	Momentary Switches
Channel Selected Indicator	Single LED Per Channel, Total Six LEDs
Activation Indicators	Six Bi-Color LEDs, One For Each Channel

#### Rear Panel

Sequenced Activation / Status Signal Port	Six Channels Interconnect port. Trigger Out and Status Signal Return, Euro/Phoenix Type Connector
Remote Activation Trigger	5-24VDC Continuous 10 mA, Switch Contacts, Euro/Phoenix Type Connector
Sequenced Relay Contacts	Six Channels, Single Relay Contact SPST Each Channel. Euro/Phoenix Type Connector
Sequence Time Selection	Setting 1,3,6 Seconds, Dip Switch Select
System Master / Slave Assignment	Master, Slave Unit 1, Slave Unit 2, Dip Switch Select
System Control	

Loop In/Out	One IN Control Port, One Loop OUT Control Port, for Slave or Master, Three Units Can Be Linked. Connector RJ45 (Not an Ethernet Connection)
EVS Bypass	Extreme Voltage Shut Off Auto Reset or Manual Reset
Emergency Power Down (EPD)	Requires Hard Switch Contact Closure
LED Light Socket	XLR Socket to Provide 12VDC for Optional 16" Gooseneck Lamp, AP-GNL18
LED Light Switch	Two Position On/Off
DC Input Jack	External Power Supply, Wide Range 100V-240VAC, 20V DCV, UL Listed

#### Technical Data

Unit Link	3
Power Supply	External Wide Range 100V - 240VAC, UL Approval
Power Consumption	0.8 watts

#### Mechanical

Chassis Finish	Black
Mounting	Rack Mount, 19", 1 RU
Dimensions	Height 1.75" (44.45mm) Width 19" (482.6mm) Depth 10.5" (266.7mm)
Weight	7 lbs (3.1kg)