



ECS-6RM

Electrical Control Sequencer



ECS-6RM

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
- External Switch Sequence Trigger Activation
- External DCV Sequence Trigger Activation 5-24VDC
- Abnormal AC Line Voltage Indicator
- Front & Rear XLR Connector for 12VDC Gooseneck LED Lamp (AP-GNL18)

General Description

The ECS-6RM 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 ECS-6RM units can be daisy chained together with independent trigger timing settings providing a total of 18 sequence triggered outlets. The ECS-6RM 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 ECS-6RM 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 ECS-6RM has built in intelligence that monitors the AC lines and will indicate of potentially damaging voltages.

The ECS-6RM 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 ECS-6RM and will indicate if an ECM is activated or if a fault condition has occurred on one or all six channels.

Specifications

Sequencer Sections	6
Relay Sections	6
Sequence Timing	Unit settings of 1, 3 or 6 seconds
Power Supply	External Wide Range 100V-240VAC, UL approval
Power Consumption	.8 Watts
RoHS Compliant	Yes
Lights	XLR Socket to provide 12VDC for optional 16" Gooseneck Lamp AP-GNL18.
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
Remote Activation Trigger	5-24VDC continuous 10 mA, Switch contacts, Euro/Phoenix type connector
Height	1.75" (44.45mm)
Width	19" (482.6mm)
Depth	10" (254mm)

Architect and Engineer Specifications

Power sequencer shall be Atlas Sound model ECS-6RM. 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.

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