

ASR-UV013P UNIVERSAL VOLTAGE MRC ACTUATOR



The new Universal Voltage Control Actuator adds the ability to allow the MRC Louver Air-Foils™ to be remotely operated from the fully opened to fully closed condition. This actuator retains the same fail-safe closure upon power loss as our other MRC actuators.

The Actuator uses an extremely high torque brushless motor with very low current draw requirements and is maintenance-free. In the event of power loss, each actuator includes an integrated tool to allow it to be opened manually and locked in whatever position is required. Mechanical position indication is also provided. A non-metallic NEMA 4/IP66 junction box is provided for electrical connections to internal DIN rail screw terminals.

Exterior enclosure is anodized marine grade aluminum with stainless steel hardware. Internal MRC cable adjustments are simple and straightforward when the safety cover is removed during installation.



ASR-UV013P UNIVERSAL VOLTAGE MRC ACTUATOR

Technical Specifications

Power Supply (LINE VOLTS)	24-240 VAC \pm 10%, 50/60 HZ 24-125 VDC \pm 10%
Power Consumption	.29 Amps at 24 VDC (7 VA) .07 Amps at 120 VAC (8.5 VA) .075 Amps at 240 VAC (18 VA)
Overload Protection	Electronic throughout rotation
Control	On/Off
Running Times	Spring Return To Close 20 seconds Motor Open <75 seconds
Humidity	max. 95% non-condensing
Ambient Temperature	-22 $^{\circ}$ f to 122 $^{\circ}$ f [-30 $^{\circ}$ C to 50 $^{\circ}$ C]
Weight	\pm 10 lb. [\pm 4.5 kg]

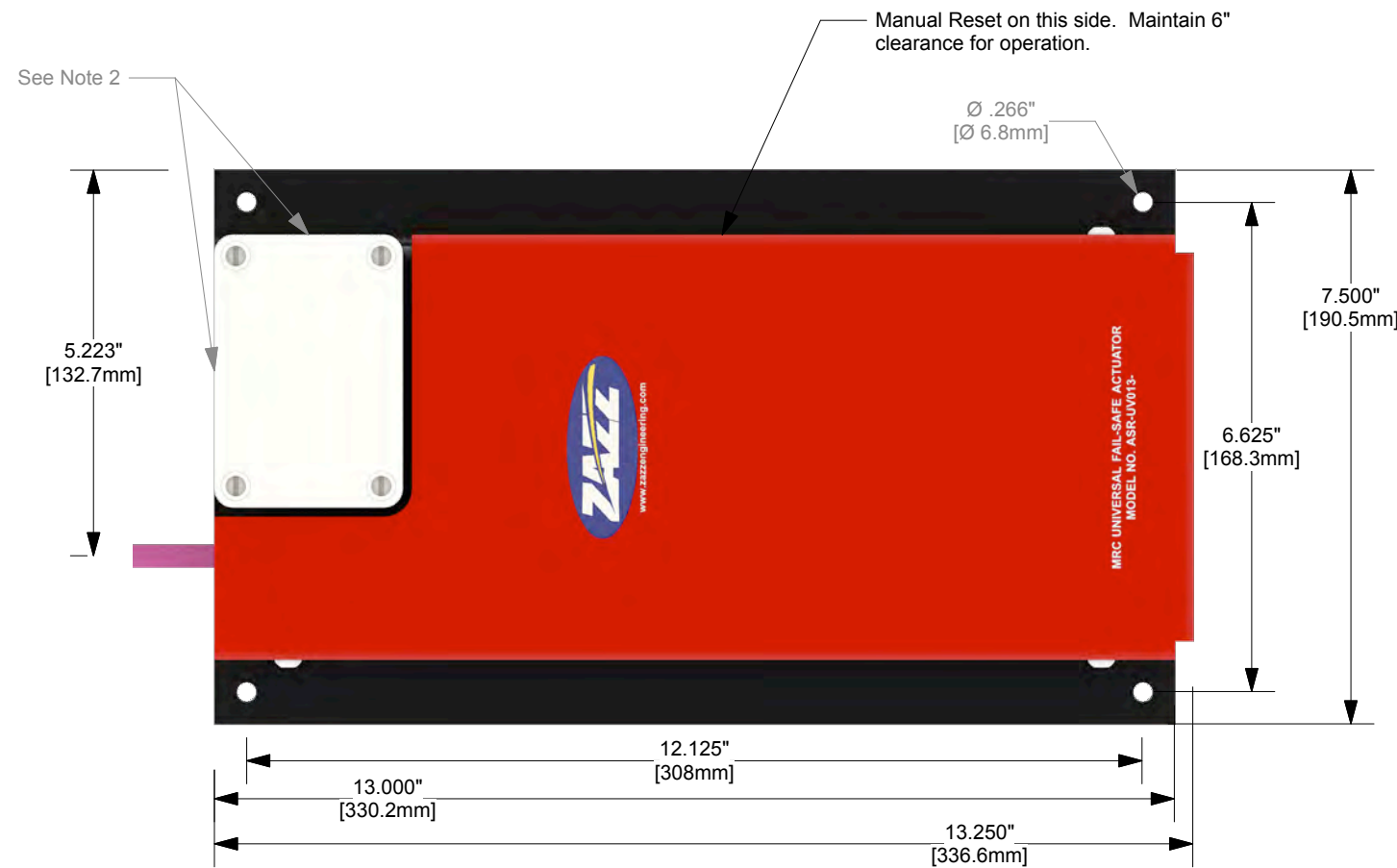
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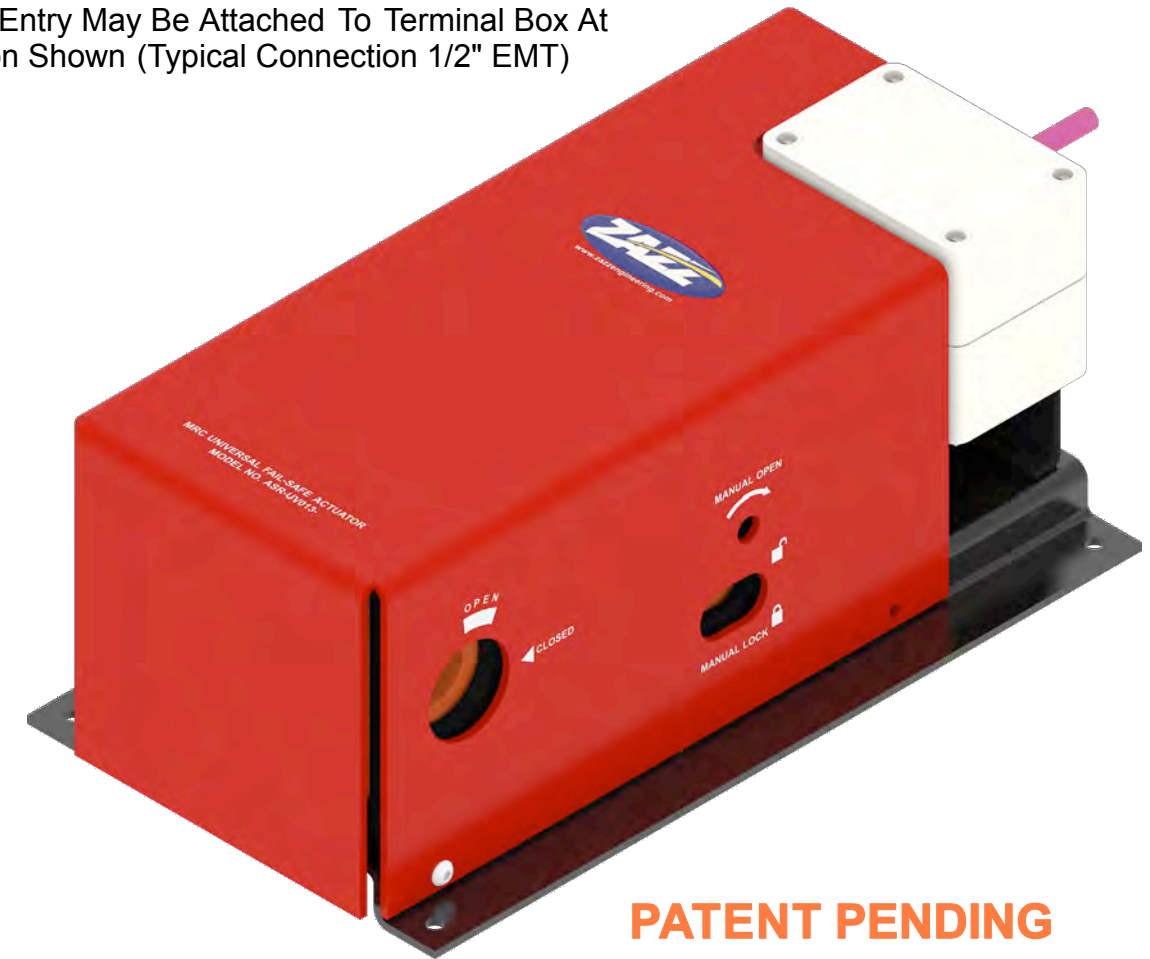
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
1	Initial Release	5/15/13	



General Notes

- Voltage - DC Power Supply 24-125 VDC (.29 Amps @ 24 VDC)
AC Power Supply 24-240 VAC (.07 Amps @ 120 VAC, .075 Amps @ 240 VAC)
- Wiring Entry May Be Attached To Terminal Box At Location Shown (Typical Connection 1/2" EMT)



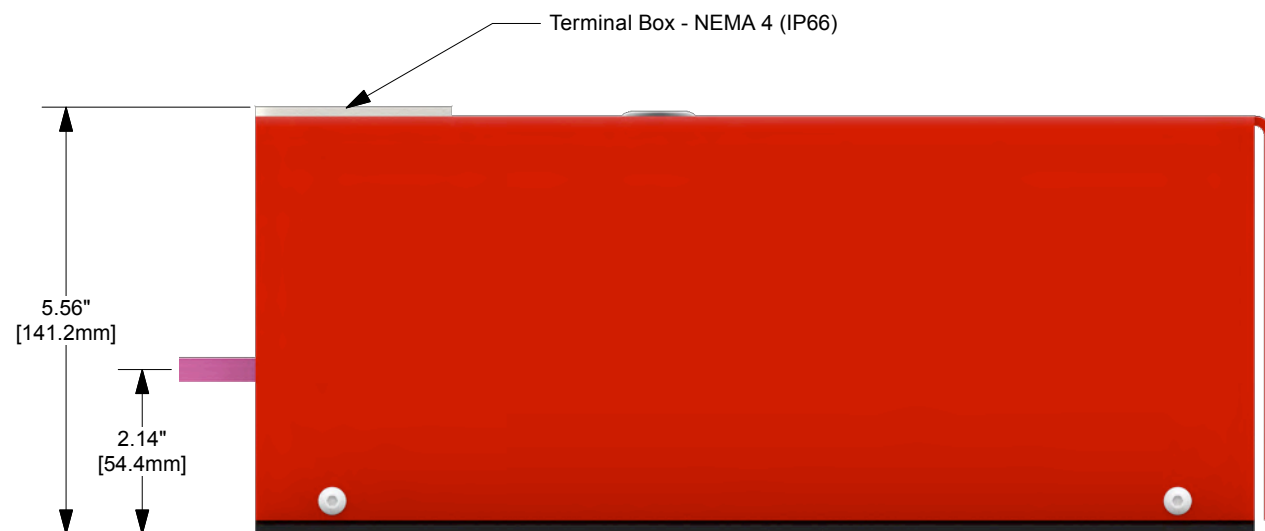
PATENT PENDING

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TITLE
ASR-UV013 and ASR-UV013S
MRC Closure Actuator Dimensions

DRAWING - SHEET NUMBER	DRAWN BY	DATE
ASR-UV013 - 2/2	KMVW	5-15-13

SCALE 1:2.5 FILE NAME ASR-UV013 Block Diagram 2

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General Notes

1. Cable Routing/Measuring - Measure the cable along the path it will take from the points where the cable hubs will be anchored. Follow the actual cable path as closely as possible, allowing for the largest practical bend radii. Absolute Minimum Radius is 3".

ASR-UV013 or ASR-UV013S Actuator
 Requires Continuous (24-125VDC) or
 (24-240VAC) Power To Hold MRC In The Open
 Position. MRC Will Close Upon Loss Of Power.

Minimum Radius 3" [77 mm]

Remote Actuator Control
 Cable
 (Length TBD By Customer)

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TITLE ASR-UV013 and ASR-UV013S
 Installation Block Diagram
 For MRC Closure Actuator

DRAWING - SHEET NUMBER	DRAWN BY	DATE
ASR-UV013 - 1/2	KMVW	5-15-13

SCALE	FILE NAME		
None	ASR-UV013 Block Diagram		1

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