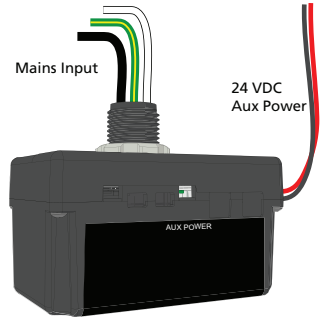


Echoflex Solutions Installation Guide

Elaho 24 V Auxiliary Power Supply MK2

Overview

The Elaho 24 V Auxiliary Power Supply MK2 provides power to compatible Elaho stations, responsive controls, and Elaho power controllers.



Specifications

Ambient Environment

- For indoor use only
- Suitable for air handling/plenum use
- 0°C–45°C (32°F–113°F) operating temperatures in 5%–95% non-condensing humidity

Electrical

- Input 100–277 VAC, 50/60 Hz
- Output 24 VDC, 1.3 A of power

Compliance

- For use with Echoflex Solutions dimming and switching products.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received; including interference that may cause undesired operation. Visit etconnect.com/products for current and complete compliance information including FCC compliance.

	<p>This product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling.</p>	<p>Ce produit ne doit pas être jeté avec les déchets ménagers mais doit être déposé dans une collecte de déchets électroniques ou dans un point de collecte.</p>
	<p>The product input or output is suitable for direct current only.</p>	<p>L'entrée et la sortie de ce produit convient uniquement au courant continu.</p>



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Prepare for Installation



Note: *If your installation requires Class 2 wiring to be installed in conduit, a voltage barrier installation box is available from Echoflex Solutions. Order Echoflex Solutions part number 7187A1000.*

Installation

Installation should follow all local codes and standard electrical practices. Ensure that the back box is clean and free of obstructions and that all wiring is installed correctly.



WARNING: RISK OF ELECTRIC SHOCK! This device utilizes high voltage and should only be installed by a qualified installer or electrician. Follow all local codes for installation. Before terminating the AC power wiring verify that the main breaker is in the off position and follow the proper lockout/tag out procedures required by NFPA Standard 70E.

AVERTISSEMENT : RISQUE DE DÉCHARGE ÉLECTRIQUE! Cette appareil utilise une haute tension et ne doit être installé que par un installateur qualifié ou un électricien. Suivez tous les codes locaux pour l'installation. Avant de raccorder le câblage du courant alternatif, vérifiez que le disjoncteur principal est en position d'arrêt et suivez les procédures de Consignation/Déconsignation prescrites par la norme NFPA 70E.

1. Locate the circuit breaker panel and turn off the power to the circuit.
 2. Mount the Elaho 24 V Auxiliary Power Supply MK2 to the exterior of the junction box or panel using the 13 mm (1/2 in) threaded nipple. A conduit locknut is provided to secure the controller to the junction box or panel.
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Note: *Follow all local code requirements for terminating wire.*

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Connect Auxiliary Power

24 VDC auxiliary power output wire terminations are located on the side of the unit and include a black wire (COM) and a red wire (24 VDC).

Use appropriately sized wire nuts or other wire termination devices (not provided) to secure each 1 mm² (18 AWG) connection.

1. Pull all required wiring (COM and 24 VDC) to the power supply or installed junction box.
2. Connect the black (COM) wire to the incoming COM wire (typically black).
3. Connect the red (24 VDC) wire to the incoming 24 VDC wire (typically red).

Connect Mains Power Input

The mains power input is located through the conduit knockout mount on the enclosure. Use appropriately sized wire nuts or other wire termination devices (not provided) to secure each 1.5 mm² (16 AWG) connection.

1. Pull all required wiring (ground, line hot, and neutral) to the installed junction box.
2. Connect the ground wire (green/yellow) to the incoming ground wire (typically green/yellow) from the breaker panel.
3. Connect the neutral wire (white) to the incoming neutral wire (typically white) from the breaker panel.
4. Connect the line hot wire (black) to the incoming line input feed wire (hot, typically black) from the breaker panel.

Power Up and Test

Restore power to the circuit. The AUX POWER LED will display green when auxiliary power is present. If a fault is discovered in the wiring, the AUX POWER LED will turn off.

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