ADVANCING ALTERNATIVES

All electrical connections must be made by a qualified, licensed electrician. All connections must be made in accordance with all state and local codes. The inside of the box housing the transformer has high voltage which can be dangerous.

41-ATECP-DC

AegisTec+ Dry Contact Controller

Quick Start Guide

What's Included:


Cable Glands (x4)


Plug-In Relays (x8)


Mounting screws (x4)

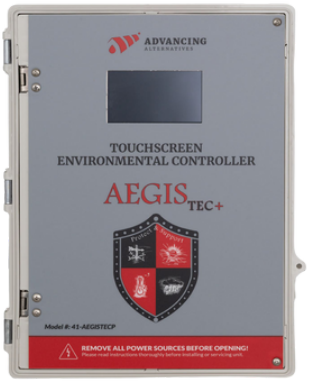

Power Cord


5A Breakers (x5)


Mounting Brackets (x4)

Scan the QR Code to visit our Knowledge Center, which features various other resources.

Warranty Registration:
advancingalternatives.com/register



Safety Information:

SHOCK HAZARD Electric shock can kill. Touching live electrical parts can cause fatal shocks or severe burns.

WARNING All electrical connections must be made by a qualified, licensed electrician. All connections must be made in accordance with all state and local codes.

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Overview

- The controller is designed for users who aim to control AC assets. This controller does **not** power DC assets.
- However, it is important to remember that the ATECP-DC operates itself on low voltage DC power supplied by the power supply provided with the unit. It is crucial not to attempt to run high voltage directly into controller. The high voltage will be present in an interface box, for example Advancing Alternatives' ECO1150 interface box.
- The terminals 1-10 are considered dry contacts because they do not have any voltage. The low voltage is provided by an interface box, for example Advancing Alternatives' ECO1150 interface box.
- The ATECP-DC uses its own DC voltage to engage the relays and close the circuit, thus allowing the low voltage sent from the interface box to be sent back out to the interface box.

Wiring to an ECO1150 Interface Box

- The ATECP-DC is designed to receive low voltage from interface boxes and send it back out based on the programming.
- The 24V wire for Group A inside the ECO1150 is connected to the normally open bus bar in the ATECP-DC.
- The various terminals in the ECO1150 (A1, A2, A3, etc.) correspond to contactors in the ECO1150 and can be wired to terminals 1-10 in the ATECP-DC. This allows the ATECP-DC to interact with the ECO1150 and turn on the assets when the ATECP-DC programming calls for it.
- The ATECP-DC can also interface with motor boxes (for example, Advancing Alternatives ECO1240). The same idea above is followed, but a signal for a motor would require two terminals in the ATECP-DC (1 and 2, for example).