

Electro-HELPS XII

Load Control, AUX, Installer Extra Contact

Since combination products, in the same building or facility, are becoming more and more common and since there is a desire to control the complete metered facility by one utility load control receiver; a majority of the Electro Industries' products furnish either an isolated contact which follows the receiver function or a documented option providing a simplified method of having this AUX, installer extra contact, available for the second or third heating product.

It is assumed one of the following is declared as the primary control product with the load control receiver wired directly to the Electro product blue wires. Based upon the information in this Electro-HELPS, the second (or third) Electro heating product could easily be controlled by the same load control receiver.

Choose the following product and follow these instructions as required.

Electro-Mate with DFC Type Control

The DFC has a standard isolated Form C contact with three tabs. The off-peak condition is closure between COM and EL. The DFC override switch affects this contact, also must be in NOR for A/C.

HeatChoice Plenum Heater – EM-EU, 5626

EM-EU, 5626 – COM and EL follow both LMC and override switch, but AC control is only affected by LMC.

HeatChoice II Plenum Heater – 5633

Same as above.

Dual Energy Furnace, DEC Control Board – 5628

At this time the board provided contact follows the thermostat action, not the load control action. At a later date this may be revised and corrected.

Required is an added relay, order EE-5053 and request drawing DH104.

Dual Energy Furnace, DHC Control Board – 5633

Same as HeatChoice II above.

WarmFlo Interface Module – WF-EZ3

Same as DFC above.

WarmFlo Interface Modules – WF-EM3, WF-LGR4

These products require an additional switching relay. Order EE-5051 and request drawing HH339.

WarmFlo Interface, 2-Speed HP – WF-HP2

This board has a Form C, isolated contact functioning the same as the DFC, first item above.

Dual Fuel, Heat Pump – WF-DFHP1

For this option, must use chip code version 15.03 or higher.

Dual Fuel, Heat Pump 2 – WF-DFHP2

For this option, must use chip code version 16.01 or higher.

WarmFlo Select SL1

Tabs COM, EL, and SB follow both LMC and override switch.

WarmFlo Select SL2

Tabs COM, EL, and SB follow both LMC and override switch.

Electro-EZ-Mate and/or WF+ Control Board

For this option, must use chip code version 10.05 or higher for EZ-Mate and version 12.04 or higher for basic WF+.

Mini-Boiler

There is no AUX contact and no plans to provide this function. Generally Mini-Boiler would be considered a secondary and is connected to one of the above.

Electro-Boiler – with 5623 Control Board

This is accomplished with an easy to install plug-in relay. Order EB-5053 and request drawing BH024.



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