Electric Duct Heater Wiring To Daikin SmartSource™ Water Source Heat Pump – Model GC, GD, GS, GT, SC, SM, or SS

Introduction

This instruction sheet should be used in conjunction with the installation instructions provided for the duct heater. Refer to those instructions for installation of the heater and the wiring of the heater. This instruction sheet provides the information for wiring the duct heater to the SmartSource MicroTech® III or MT2310 unit controller I/O expansion module.

Safety Information

The installation of this equipment shall be in accordance with the regulations of authorities having jurisdiction and all applicable codes. It is the responsibility of the installer to determine and follow the applicable codes. This equipment is to be installed only by an experienced installation company which employs trained personnel.

⚠ CAUTION

Installation and maintenance is to be performed only by qualified personnel who are familiar with, and in compliance with state, local and national codes and regulations, and experienced with this type of equipment. Sharp edges and coil surfaces are potential injury hazards. Avoid contact with them.

⚠ DANGER

Disconnect all electrical power before servicing unit. Electrical shock will cause severe injury or death.

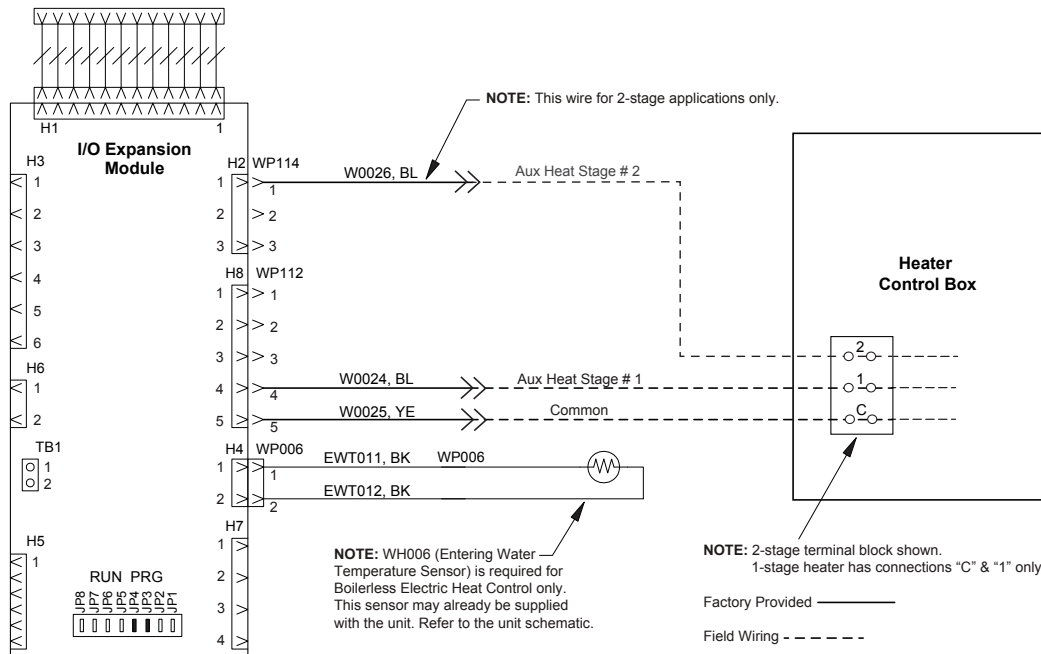*Figure 1: MicroTech III Electric duct heater wiring to the I/O expansion module (for GC, GS, and GT models)*

Table 1: MicroTech III I/O Expansion module jumper setting

Jumper	Position	Description
JP3 & JP4	JP3 = Open JP4 = Open	None
	JP3 = Shorted JP4 = Open	Supplemental Electric Heat
	JP3 = Open JP4 = Shorted	Boilerless Electric Heat
	JP3 = Shorted JP3 = Shorted	Hydronic Heating

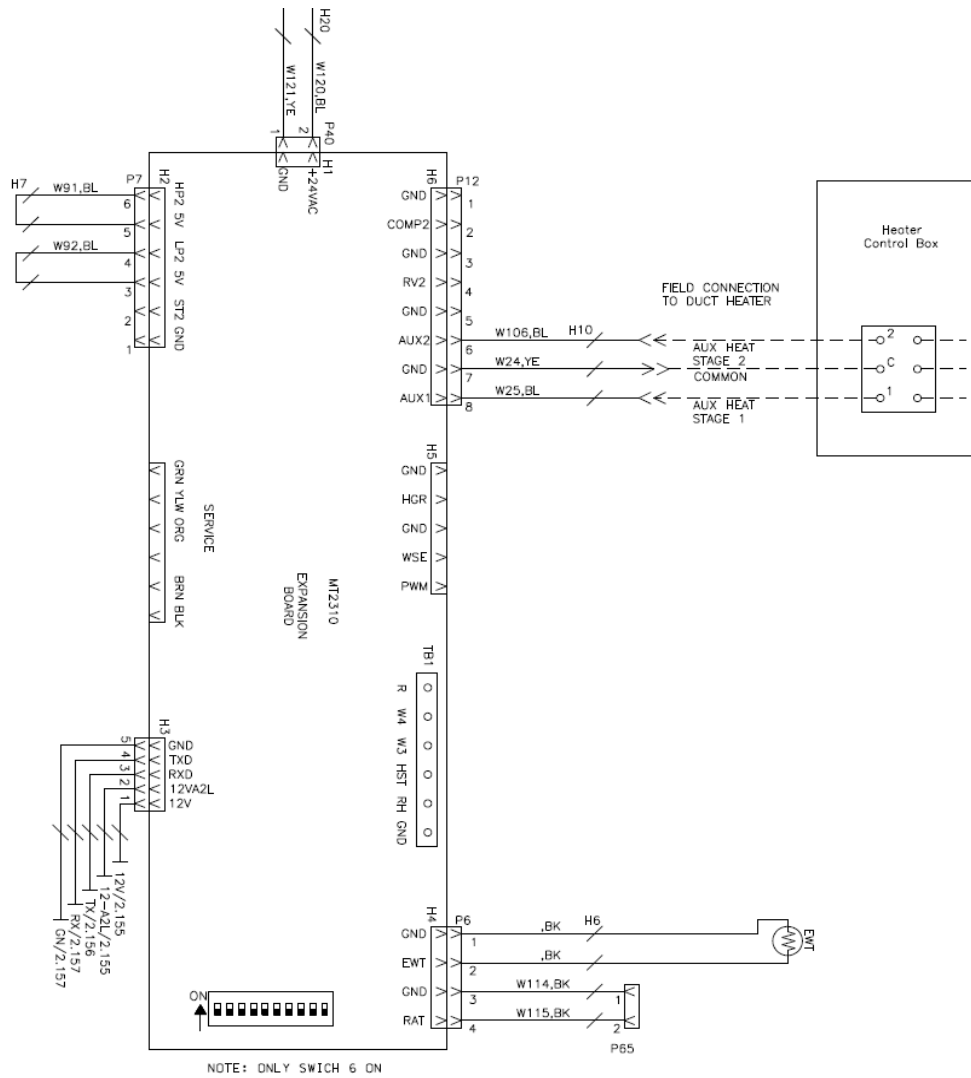**Figure 2: MT2310 Electric duct heater wiring to the I/O expansion module (for SC, SM, and SS models)**

Table 2: MT2310 I/O Expansion Module DIP Switch Settings

Description	Switch	Option Setting
Secondary Heat Select	#5 = OFF #6 = OFF	None
	#5 = ON #6 = OFF	Supplemental Electric Heat
	#5 = OFF #6 = ON	Boilerless Electric Heat
	#5 = ON #6 = ON	Hydronic Heat