HKR / HKA / HKP Circuit Breaker Kit

(WITH SIEMENS CIRCUIT BREAKER) INSTALLATION INSTRUCTIONS

Attention Installing Personnel

As a professional installer, you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair, it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is **your** responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

Description

These installation instructions are for installing the following Circuit Breaker Kits.

These kits contain the following parts: Siemens Circuit Breakers, Mounting Bracket and Installation Instructions. See Figures 1 and 2 for mounting bracket instructions.

⚠ WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

⚠ CAUTION

TO AVOID POSSIBLE PERSONAL INJURY, USE EXTREME CAUTION IF USING POWER TOOLS TO REMOVE THE SMALL BREAKER MOUNTING BRACKETS. THE BRACKETS MAY QUICKLY ROTATE AND CAUSE INJURY.

1. Disconnect all power to the unit, both indoor and outdoor.
2. To replace circuit breakers in airhandlers or package electric units with heater kits already installed, the access panel must be removed.

NOTE: When changing wires from the existing circuit breaker to the new circuit breaker, it may be necessary to use needle nose pliers.

3. Remove one wire at a time from the existing circuit breaker and locate on the same connection of the new circuit breaker being installed. Proceed with this process on all circuit breaker wires. Use the wiring diagram provided on Heater Kit to make sure the wiring is correct.

NOTE: If Siemens circuit breakers are being replaced, mounting bracket (B) provided in the kit can be discarded.

4. Unfasten the two # 10x½" screws and remove mounting bracket (B) at the top of the breaker as shown in Figure 2. Slide the existing Siemens breaker off the bottom bracket and then slide the new Siemens breaker onto the bottom bracket. Reassemble mounting bracket (B) to the top of the breaker and refasten with the two # 10x½" screws.
5. If G.E. circuit breakers are being replaced with a Siemens Circuit Breaker, remove both the top and bottom (A) mounting brackets by removing the two # 10x½" screws per mounting bracket that secure them to the mounting plate. G.E. breakers located per Figure 1.
6. Relocate mounting bracket (A) at dimension (1.907") from the bottom of the circuit breaker plate as shown in Figure 2 and fasten with two of the # 10x½" screws that were previously removed in Step 5. Slide the Siemens circuit breaker onto the bottom bracket flanges. Next, insert the mounting bracket (B) that was provided in the kit at dimension (.875") from the top of the circuit breaker plate as shown in Figure 2 and fasten with two of the # 10x½" screws that were previously removed in Step 5 .
7. To ensure the Siemens Circuit Breaker is assembled in the correct location, there must be two unused holes seen at the bottom and top of the mounting brackets.

NOTE: If the Siemens Circuit Breaker is not located in the correct position, the breaker will not line up with the breaker window on the access panel.

8. Reinstall the access panel on the airhandler or package unit.
9. Restore power to unit. Set the thermostat to call for electric heat mode of operation.
10. Verify system is functioning correctly.

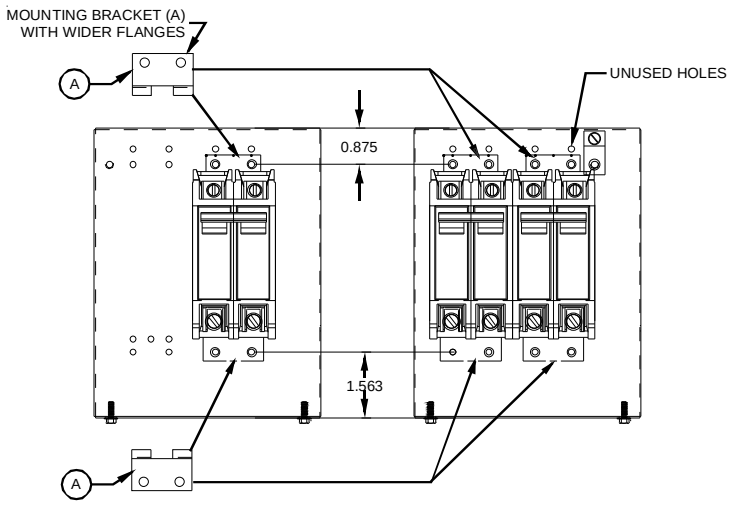

Figure 1
PROPER ORIENTATION FOR HEAT KITS
USING G.E. BREAKERS

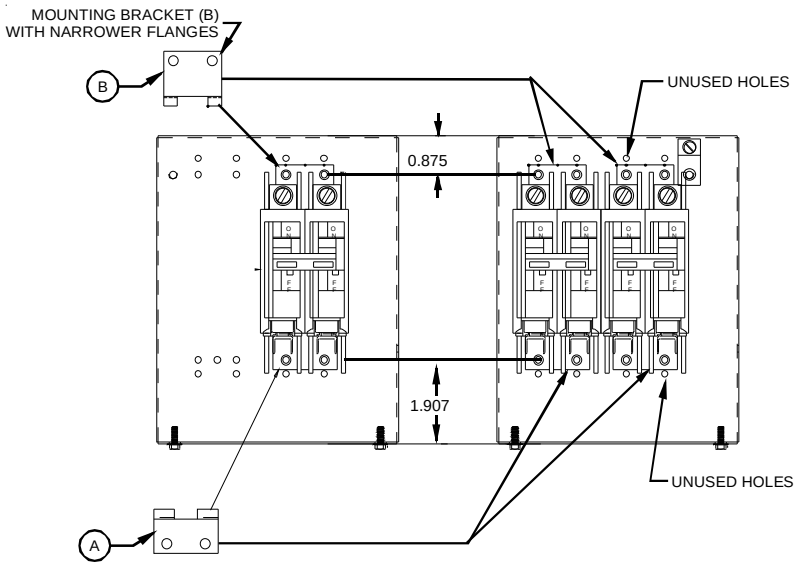

Figure 2
PROPER ORIENTATION FOR HEAT KITS
USING SIEMENS BREAKERS

NOTE: SPECIFICATIONS AND PERFORMANCE DATA LISTED HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTICE

Quality Makes the Difference!

All of our systems are designed and manufactured with the same high quality standards regardless of size or efficiency. We have designed these units to significantly reduce the most frequent causes of product failure. They are simple to service and forgiving to operate. We use quality materials and components. Finally, every unit is run tested before it leaves the factory. That's why we know. . .**There's No Better Quality.**

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