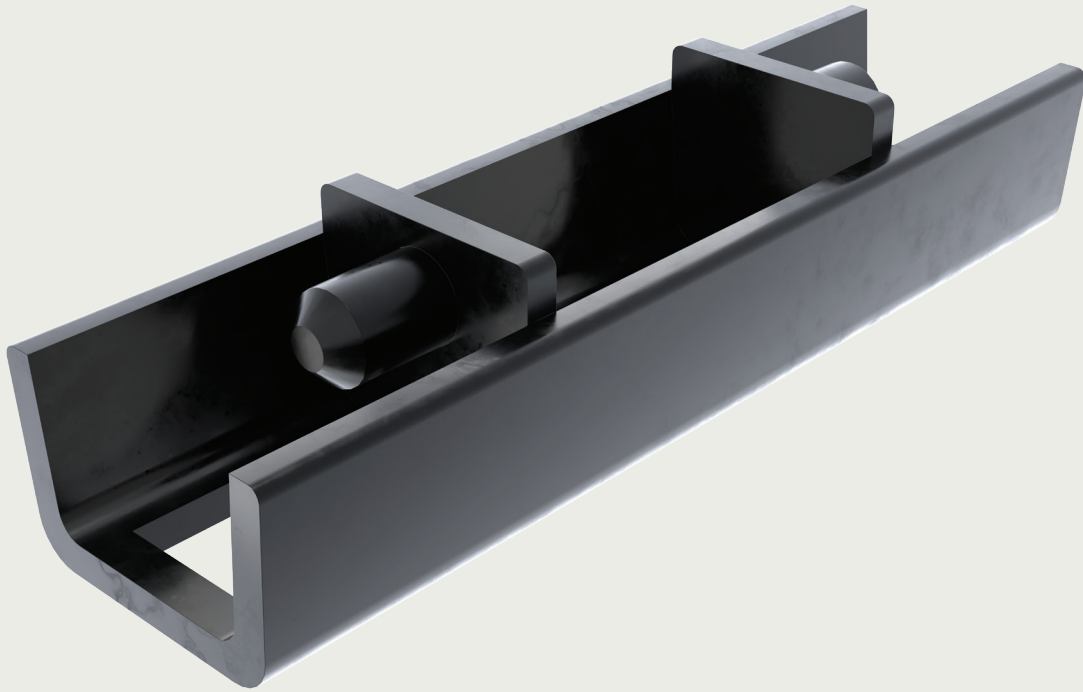




MULTIWIRE AND SHARED NEUTRAL APPLICATIONS

Handle Tie Device for Arc-Fault Circuit Interrupters (AFCI)

usa.siemens.com/afci

Ideal for multiwire and shared neutral applications, Handle Tie is now available for 1-pole AFCI and Tandem AFCI.

Now, thanks to Siemens innovative AFCI technology, contractors can use two 1-pole or two Tandem AFCI breakers tied together with a handle tie in a multiwire branch circuit or a shared neutral application to save on installation costs.

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Installation

Before inserting the AFCIs in the panel, connect the handles together with the handle tie. Insert the breakers into the panel. Connect the black conductor to the load lug of the first AFCI and connect the red conductor to the load lug of the second AFCI. For 1-pole pigtail AFCI, the white can be connected to the neutral lug of either AFCI. For the 1-pole plug-on neutral AFCI or tandem AFCI, the white conductor can be connected to the neutral bar on the panel.

The handle ties only provide manual on/off capability between 1-pole and tandem breakers. They do not tie the internal trip mechanisms together; therefore, after installation and energization, both AFCI push-to-test buttons should be tested.

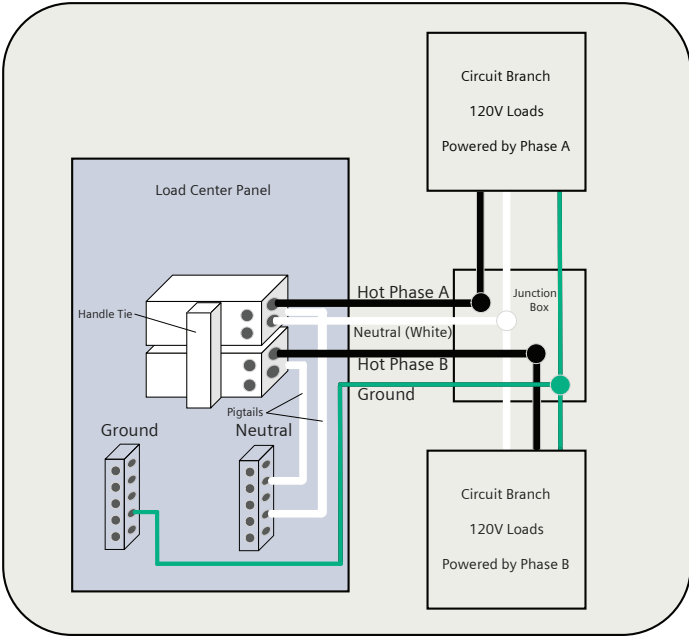


NOTE:

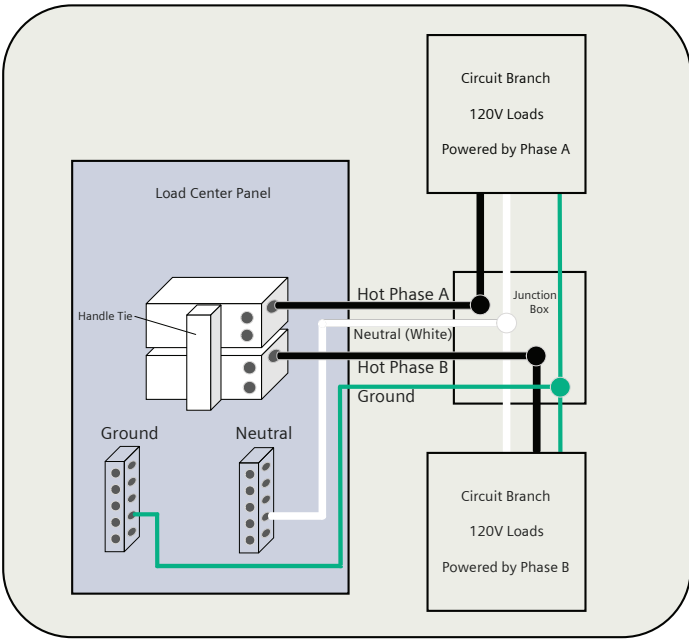
1. Handle ties cannot be used on Dual Function or GFCI breakers.
2. Handle ties can ONLY be applied to 1P and tandem AFCI breakers that were produced AFTER October 1, 2023. The breaker MUST have a 120/240V label to apply handle tie

Accessory	Breaker Type	Compatible Catalog Numbers
ECQTH2	Tandem AFCI breakers	QTAN
ECQAFC	1pole AFCI	QAF2, QAFH2, HQAF2, QAF2N, BAF2, BAFH2, HBAF2

Examples of wiring connections in a panel

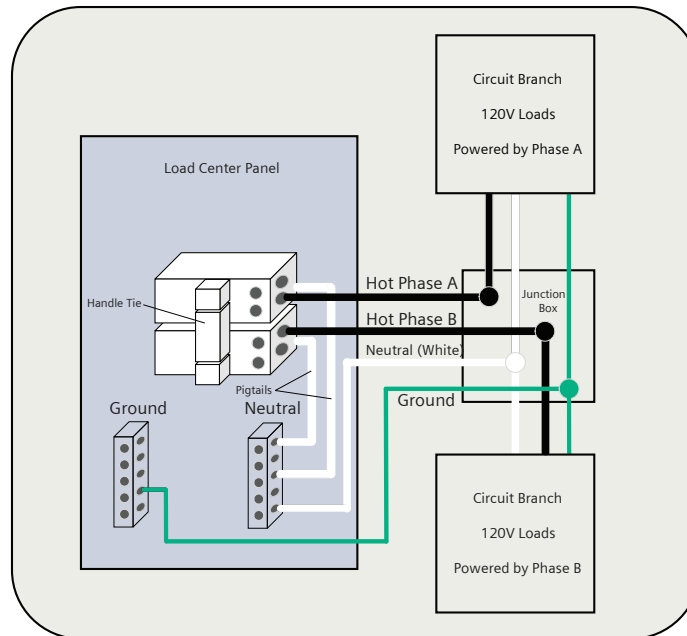


1-Pole AFCI Pigtail

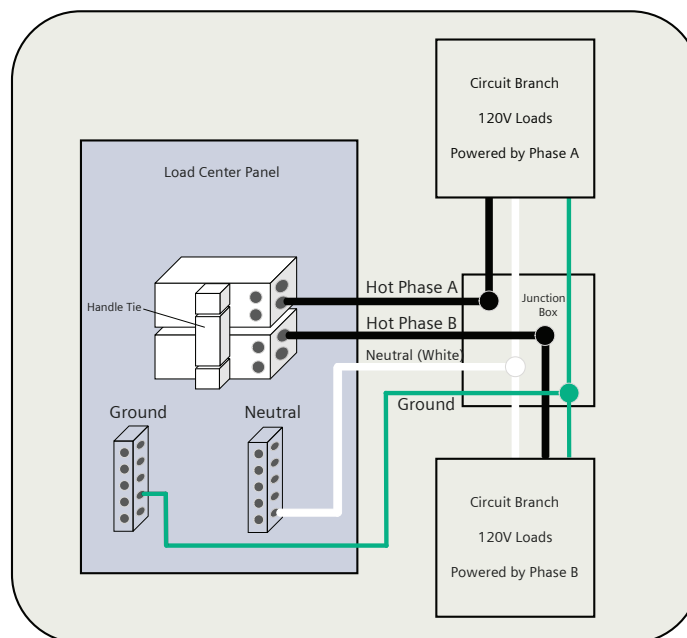


1-Pole AFCI Plug-on Neutral

Examples of wiring connections in a panel



Tandem AFCI



Tandem AFCI Plug-on Neutral

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Order No. RPFL-HTAF-0424
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